PB83-174656

Chemical Use Standard Encoding System (ChemUSES). Volume IV. User Aids

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Menlo Park, CA

Prepared for

Environmental Protection Agency
Washington, DC

Jul 80

U.S. Department of Commerce
National Technical Information Service
NTIS

PB83-174656

United States
Environmental Protection
Agency

Office of
Toxic Substances
Washington, DC 20460

2-82-001 D
EPA 560/~~13-80-004d~~
August 1980

Toxic Substances

EPA

Chemical Use Standard Encoding System (ChemUSES)

Volume 4
User Aids

DRAFT

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

50272-101

REPORT DOCUMENTATION PAGE

1. REPORT NO. 560/2-82-001A

2.

3. Recipient's Accession No. PB83 174623

4. Title and Subtitle
Chemical Use Standard Encoding System, Volumes 1through 4

5. Report Date August 1980 (Date of Contractor Submission)

6.

7. Author(s)
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8. Performing Organization Rept. No.

9. Performing Organization Name and Address
SRI International
333 Ravenwood Avenue
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10. Project/Task/Work Unit No.

11. Contract(C) or Grant(G) No.
(C) 68-01-4109
(G)

12. Sponsoring Organization Name and Address
U.S. Environmental Protection Agency
Office of Toxic Substances
401 M Street, SW
Washington, D.C.

13. Type of Report & Period Covered

14.

15. Supplementary Notes

16. Abstract (Limit: 200 words)

The Chemical Use Standard Encoding System (ChemUSES) provides a standard format and nomenclature for use in collecting and exchanging information about chemical uses. ChemUSES is a system for describing a chemical use by the function the chemical serves and the setting or application in which it serves that function. ChemUSES is composed of two lists of terms: The Function List and the Application List. Terms from these lists are selected to describe functions and applications. A use is defined when both the function and application are specified. ~~(ChemUSES also includes user instructions and user aids.)~~ This volume contains user aids for the system.

17. Document Analysis a. Descriptors

b. Identifiers/Open-Ended Terms

c. COSATI Field/Group

18. Availability Statement

19. Security Class (This Report)

20. Security Class (This Page)

21. No. of Pages

22. Price

(See ANSI-Z39.18) See Instructions on Reverse

OPTIONAL FORM 272 (4-77)
(Formerly NTIS-35)
Department of Commerce

CHEMICAL USE STANDARD ENCODING SYSTEM (ChemUSES)

Volume IV — User Aids

Final Report

July 1980

~~EPA/5[illegible]/13-80-034d~~

Draft

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Contract No. 68-01-4109 — Research Request No. 9

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I RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
DIVISION A: AGRICULTURE, FORESTRY, AND FISHING 01 Agricultural production - crops 02 Agricultural production - livestock 07 Agricultural services 08 Forestry 09 Fishing, hunting, and trapping	01 AGRICULTURE, FORESTRY, AND FISHING ChemUSES combines the five SIC 2-digit major groups of SIC Division A into one 2-digit ChemUSES category. The second-level terms follow the SIC 2-digit major groups, except that the crop services part of SIC 07 is included with the crops to which the services are applied. The SIC separates these services when the services are performed by separate establishments. The animal services part of SIC 07 is retained as a second-level ChemUSES category. ChemUSES organizes crops generically--e.g., grains, pulses, roots, and tubers. The SIC uses nongeneric categories such as "cash grains" (which include soybeans, a pulse) and "field crops."
DIVISION B: MINING 10 Metal mining 11 Anthracite mining 12 Bituminous coal and lignite mining 13 Oil and gas extraction 14 Mining and quarrying of non-metallic minerals except fuels	10 MINING ChemUSES combines the five SIC 2-digit major groups of SIC Division B into one 2-digit ChemUSES category. ChemUSES 10 is divided into mining products categories and a mining activity category associated with the mining product. The products categories follow the SIC major groups in Division B, except that SIC 11 and 12 are combined; SIC 14 is

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RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	divided between construction minerals and other nonmetallic minerals; and a term for geothermal fluids is added.
DIVISION C: **CONSTRUCTION** 15 Building construction -- general contractors and operative builders 16 Construction other than building construction --general contractors 17 Construction--special trade contractors	15 CONSTRUCTION ChemUSES combines the three SIC 2-digit major groups of SIC Division C into one 2-digit ChemUSES category. The ChemUSES second-level terms follow the SIC 2-digit major groups, but do not distinguish between types of contractors. The ChemUSES classification consists of a construction category (type of building or type of nonbuilding construction) and a construction activity (such as carpentry).
DIVISION D: **MANUFACTURING**	
20 Food and kindred products	20 FOOD AND KINDRED PRODUCTS Food products are not regulated by EPA under TSCA because these products are regulated by FDA. Therefore, the ChemUSES terms for food are limited to the two categories of human food and animal food. In addition, ChemUSES provides three terms for food additives to correspond to the FDA categories for those substances, and several terms for non-food-and-drug fat and oil products that are normally produced by the food industry but are regulated under TSCA.

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
21 Tobacco manufactures	21 TOBACCO PRODUCTS Tobacco products are not regulated by EPA under TSCA. Therefore, ChemUSES does not list any subcategories of tobacco products.
22 Textile mill products	22 TEXTILES AND TEXTILE FINISHING In addition to basic fabrics, SIC 22 includes apparel and other finished products produced from fabrics in textile mills. These kinds of finished products are classified in SIC 23--Apparel and other textile products--if they are not produced in textile mills. To avoid duplication, ChemUSES 22 includes only yarn, basic fabrics, and textile finishing; apparel and other finished products from textiles, wherever they are produced, are classified in ChemUSES 23.
23 Apparel and other finished products made from fabrics and similar materials	23 APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS ChemUSES 23 includes all products in SIC 23, and also the apparel and other finished products from fabrics classified in SIC 22 Textile mill products. The subcategories of ChemUSES 23 are structured differently than those of SIC 23.

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
24 Lumber and wood products, except furniture	24 LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE ChemUSES 24 is structured by categories of basic goods--logs, lumber, and wood shapes--and then by categories of fabricated wood products. Parts of SIC 24 are organized by type of mill, which results in some duplication of products. Some items are included in ChemUSES 24 but not in SIC 24, such as firewood, lumbermill residuals, prefinished lumber and wood panels, and compressed wood fuel. Wood cabinets, which are classified in SIC 24, are classified in ChemUSES 25.
25 Furniture and fixtures	25 FURNITURE AND FIXTURES ChemUSES 25 includes the products in SIC 25 and is structured similarly. ChemUSES 25 also includes hospital furniture, most of which is classified in SIC 38, and wood cabinets, which are classified in SIC 24.
26 Paper and allied products	26 PAPER AND ALLIED PRODUCTS ChemUSES includes the products in SIC 26, but is structured differently. ChemUSES 26 is structured by the subcategories of pulp, basic paper and paperboard stock, and converted paper and paperboard products. In SIC 26, the papermill and paperboard mill

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	categories include not only basic stock but also converted products, many of which are also classified in the converted paper and paperboard products category. ChemUSES 26 includes all asphalt- and tar-saturated paper and paperboard building materials, whereas some of these products are included in SIC 29 as well as in SIC 26. SIC 26 includes bags made from plastics film and other nonpaper materials, whereas ChemUSES 26 excludes such nonpaper products.
27 Printing, publishing, and allied industries	27 PRINTING AND PUBLISHING ChemUSES 27 includes the same products and activities as SIC 27, but is structured differently. ChemUSES 27 is divided into two categories: "printed products" and "printing activities." When appropriate, the chemical application should be expressed as a combination of the type of printed product and the type of printing activity.
28 Chemicals and allied products	28 CHEMICALS AND ALLIED PRODUCTS ChemUSES 28 generally includes the same products as SIC 28. The second-level categories are similar in the two systems, with sections for inorganic chemicals and organic chemicals that

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	consists of basic and intermediate chemicals, and other second-level categories for finished chemical products. However, the inorganic and organic chemicals sections are organized differently in ChemUSES, with a hierarchical structure that defines the chemical composition. This system allows more precise specification of chemical use in the chemical manufacturing industries. Nuclear fuel, which is classified in SIC 28, is classified in ChemUSES 29, and lithium and sodium in ChemUSES 33. All elemental metals not listed in ChemUSES 33 are classified in ChemUSES 28. ChemUSES has no breakout for toiletries and cosmetics, and only a limited level of detail for drugs and pesticides because these products are not regulated under TSCA. ChemUSES adds several terms similar to terms from the function list to represent formulated chemical products that perform the related chemical functions.
29 Petroleum and coal products	29 PETROLEUM AND OTHER ENERGY PROCESSES AND PRODUCTS ChemUSES 29 includes the general categories covered in SIC 29, and also includes nuclear energy products

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	classified in SIC 28 (chemicals). ChemUSES 29 includes new terms for synthetic fuels from coal and other hydrocarbon sources, whereas, the SIC classifies manufactured gas in SIC 49. ChemUSES 29 includes terms for the types of processes used in petroleum refineries, as well as terms for petroleum products. SIC 29 includes asphalt- and tar-saturated products. ChemUSES 29 includes asphalt and tar mixtures, but classifies products saturated with those mixtures in the appropriate product category; i.e., asphalt- and tar-saturated paper and paperboard products in ChemUSES 26, and asphalt tile and asphalt- and tar-saturated asbestos felts in ChemUSES 30.
30 Rubber and miscellaneous plastics products	30 RUBBER AND PLASTICS PRODUCTS ChemUSES 30 includes the products classified in SIC 30, but separates rubber products from plastics products. ChemUSES 30 adds terms for plastics-forming processes associated with particular plastics products. ChemUSES 30 also includes terms not listed in the SIC, such as rubber-dipped goods and rubber and plastics wire and cable coverings,

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	which are important categories. ChemUSES 30 includes linoleum, which is classified in SIC 39, and plastics bags, which is classified in SIC 26.
Leather and leather products	31 LEATHER, LEATHER PRODUCTS, AND RELATED NONLEATHER PRODUCTS ChemUSES 31 includes the same products as SIC 31 and is structured similarly. Both ChemUSES 31 and SIC 31 include products often made from leather, such as luggage, even if they are made of nonleather materials. Leather apparel is classified in ChemUSES 23, whereas the SIC includes leather products such as gloves, belts, and jackets in SIC 31.
Stone, clay, glass, and concrete products	32 STONE CLAY, GLASS, AND CONCRETE PRODUCTS ChemUSES 32 includes the same products as SIC 32. The glass category is structured differently than it is in the SIC, in that ChemUSES does not distinguish products made from purchased glass, and ChemUSES adds terms to describe the type of glass finishing. The SIC classifies all gaskets and seals in SIC 32, although many are made of nonmineral materials. ChemUSES classifies gaskets and seals in ChemUSES 35. Porcelain electrical supplies are classified in SIC 32 but in ChemUSES 36.

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
33 Primary metal industries	33 METALS AND RELATED PRODUCTS ChemUSES 33 includes the same basic metal products that are included in SIC 33. However, ChemUSES 33 is structured by type of metal, whereas SIC 33 is structured by type of operation. SIC 33 includes products fabricated from wire, such as nails and insulated wire and cable. ChemUSES 33 includes only basic wire; products fabricated from wire are classified in ChemUSES 34. ChemUSES 33 includes elemental lithium and sodium which the SIC classifies in 28. Elemental metals not listed in ChemUSES 33 are classified in ChemUSES 28.
34 Fabricated metal products, except machinery and transportation equipment	34 FABRICATED METAL PRODUCTS ChemUSES 34 includes the same products as SIC 34 and is structured similarly. ChemUSES adds terms for the type of metal processing. ChemUSES 34 also includes products fabricated from wire, such as nails and insulated wire and cable, which are classified in SIC 33.
35 Machinery, except electrical	35 MACHINERY ChemUSES 35 includes all the products classified in SIC 35 except "electrical power generating equipment" (part of SIC 3511) and "office, computing, and

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	accounting machines" (SIC 357), which are classified in ChemUSES 36. ChemUSES 35 also includes gaskets and seals, which are classified in SIC 32.
36 Electrical and electronic machinery, equipment and supplies	36 ELECTRIC AND ELECTRONIC EQUIPMENT ChemUSES 36 includes all the products classified in SIC 36, plus "electric power generating equipment" (part of SIC 3511) and "office, computing, and accounting machinery" (SIC 357). ChemUSES 36 includes terms for types of electric power generating equipment not listed in the SIC (e.g., solar electric generators). ChemUSES 36 uses the new term "Consumer electronics," which includes such new products as video recorders and electronic games that are not listed in the SIC.
37 Transportation equipment	37 TRANSPORTATION EQUIPMENT ChemUSES 37 includes the products and services classified in SIC 37 and is structured similarly. In ChemUSES 37, the separate SIC categories of truck and bus bodies and truck trailers are included in the truck and bus categories.
38 Measuring, analyzing, controlling instruments; photographic, medical,	38 INSTRUMENTS AND RELATED PRODUCTS ChemUSES 38 includes all the products in SIC 38 except hospital furniture,

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
and optical goods; watches and clocks	which is classified in ChemUSES 25, and personal industrial safety equipment, which is classified in ChemUSES 39. ChemUSES 38 is structured similarly to SIC 38.
39 Miscellaneous manufacturing industries	39 MISCELLANEOUS MANUFACTURED PRODUCTS ChemUSES 39 includes all the products in SIC 39 except hard surface floor coverings. Linoleum and plastics floor coverings are classified in ChemUSES 30, and asphalt and vinyl asbestos floor coverings in ChemUSES 32. ChemUSES 39 includes personal industrial safety equipment which is classified in SIC 38. ChemUSES 39 combines parts of SIC 3944 and 3952 into a new category called "hobby, crafts, and art supplies."
DIVISION E - TRANSPORATION, COMMUNICATIONS, ELECTRIC, GAS, AND SANITARY SERVICES 40 Railroad transportation 41 Local and suburban transit and interurban highway passenger service 42 Motor freight transportation and warehousing 43 U.S. postal service 44 Water transportation	40 TRANSPORTATION, COMMUNICATIONS, UTILITIES AND POLLUTION CONTROL ChemUSES combines the SIC 2-digit groups in Division E into one 2-digit ChemUSES category. The third-level ChemUSES terms under ChemUSES 40.01-Transporation follow the SIC 2-digit transporation major groups, except that SIC 47-Transportation services (which includes separate establishments pro-

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
45 Transportation by air 46 Pipelines except natural gas 47 Transportation services 48 Communications 49 Electric, gas and sanitary services	viding services incidental to transportation) is excluded. In ChemUSES those services are classified in the appropriate transportation category. No term is included in ChemUSES for SIC-43-U.S. postal service. Postal service activities should be classified in the appropriate transportation category or building application (ChemUSES 80). SIC 49 is included in the ChemUSES categories of electric power utilities, gas utilities, water supply and use, and pollution control. The ChemUSES pollution control category covers the SIC sanitary services and adds other air pollution control and liquid waste control activities. SIC 49 includes production of coke oven gas and by-products and manufactured gas; coke oven gas and by-products are classified in ChemUSES 33 and manufactured gas in ChemUSES 29.
DIVISION F - WHOLESALE TRADE DIVISION G - RETAIL TRADE DIVISION H - FINANCE, INSURANCE, AND REAL ESTATE	NOT APPLICABLE No ChemUSES categories correspond directly to these SIC Divisions or to the 2-digit major groups within these divisions. The activities in these divisions are conducted primarily in offices, stores, and other buildings, and they do not produce physical

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
	products. The chemical applications in offices, for example, are similar regardless of differences in the economic functions of the offices. Therefore, chemical applications in these SIC divisions should be classified in the appropriate building application (ChemUSES 80).
DIVISION I - SERVICES (PART) 72 Personal services 73 Business services 75 Automotive repair, services, garages 76 Miscellaneous repair services 79 Amusement and recreation services except motion pictures 80 Health services 81 Educational services 84 Museums, botanical and zoological gardens	70 SERVICES ChemUSES combines all or parts of 8 of the 15 SIC 2-digit major groups in Division I into one 2-digit ChemUSES category. Of SIC 73-Business services, only unique activities such as photo-finishing, computer services, and laboratories are classified in ChemUSES office functions and services to building are classified in ChemUSES 80-Building applications. Similarly, the building cleaning and maintenance related to SIC 80-Health services and SIC 81-Educational services are classified in ChemUSES 80. ChemUSES expands SIC 79 to include recreational activities not conducted by organized groups or businesses.
DIVISION I - SERVICES (PART) 70 Hotels, rooming houses, and other lodging places	NOT APPLICABLE No ChemUSES categories correspond directly to these 7 of the 15 SIC

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
78 Motion pictures 81 Legal services 83 Social services 86 Membership organizations 88 Private households 89 Miscellaneous services	2-digit major groups in Division I. The chemical applications in these SIC major groups should be classified in ChemUSES 80-Building applications.
NOT APPLICABLE	80 BUILDING APPLICATIONS This ChemUSES category has no direct counterpart. It provides a way of classifying chemical applications in building services such as cleaning and maintenance that are independent of the economic classifications of the building occupant.
DIVISION J - PUBLIC ADMINISTRATION	90 PUBLIC ADMINISTRATION SIC Division J includes governmental activities, many of which are engaged principally in office work. The chemical applications related to office and other building services are classified in ChemUSES 80-Building applications. Governmental water and refuse services are classified in ChemUSES 40. ChemUSES 90 includes only unique governmental activities, such as police and fire protection (part of SIC 92); unique national security activities (part of SIC 97); and production of money.

RELATIONSHIP BETWEEN THE ChemUSES APPLICATION LIST AND THE SIC

SIC	ChemUSES
NOT APPLICABLE	95 GENERAL PROCESSES This ChemUSES category has no SIC counterpart. It provides a way of specifying production and other processes that are common to more than one industrial category.
NOT APPLICABLE	98 APPLICATION NOT KNOWN This ChemUSES category provides a classification to be used if the application is unknown.
99 Nonclassifiable establishments	99 APPLICATION NOT FOUND This ChemUSES category provides a classification to be used if the application is known but no other suitable category can be found in the application list.

II SOME COMMON APPLICATION/FUNCTION COMBINATIONS

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01 AGRICULTURE, FORESTRY AND FISHING

APPLICATION FUNCTION

01.01 Crops

- Animal repellents
- Anticaking agents
- Fertilizers
- Fumigants
- Fungicides
- Herbicides
- Insect attractants
- Insect repellents
- Insecticides
- Nematocides
- Pesticides
- Plant growth regulators
- Rodenticides
- Soil conditioners
- Spreaders (plant applications)
- Stickers

01.02 Livestock production, dairy farming, and related products

- Bactericides
- Biocides
- Cleaners
- Detergents
- Disinfectants
- Feed additives (animal nutrition)
- Fumigants
- Fungicides
- Hormones
- Insect repellents
- Insecticides
- Pesticides

01.03.01 Veterinary services

- Bactericides
- Biocides
- Cleaners
- Decontaminants
- Deodorants
- Disinfectants
- Emollients
- Feed additives (animal nutrition)
- Fumigants
- Fungicides
- Hormones
- Insect repellents
- Insecticides
- Pesticides
- Stains (microscopy)

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01.04 Forestry

- Animal repellents
- Fertilizers
- Fire extinguishing agents
- Flame retardants
- Fungicides
- Herbicides
- Insect attractants
- Insect repellents
- Insecticides
- Pesticides
- Soil conditioners

01.04.03.01 Firefighting and prevention (forestry)

- Fire extinguishing agents
- Flame retardants
- Herbicides

01.04.03.02 Forest pest control

- Animal repellents
- Fungicides
- Herbicides
- Insect attractants
- Insect repellents
- Insecticides
- Pesticides

01.06.02 Fish hatcheries, fish farms, preserves and other aquaculture

- Algicides
- Bactericides
- Biocides
- Cleaners
- Disinfectants
- Feed additives (animal nutrition)
- Fungicides

10 MINING

10.07.02 Mine production / 10.01 Metallic ores

- Abrasives
- Detonators
- Explosives

10.07.02 Mine production / 10.04 Nonmetallic minerals

- Abrasives
- Detonators
- Explosives

10.07.03 Well production / 10.03 Oil and gas

- Accelerators
- Bactericides
- Biocides
- Clarifiers
- Concrete additives
- Corrosion inhibitors
- Curing agents (concrete)
- Defoamers
- Dehydrating agents
- Demulsifiers
- Dispersants
- Drilling mud additives (petroleum production)
- Emulsifiers
- Enhanced oil recovery agents (petroleum production)
- Fluid loss additives (petroleum production)
- Odorants
- pH control agents
- Retarders (chemical processes)
- Surfactants
- Sweeteners (petroleum technology)
- Viscosity adjustors
- Weighting agents (petroleum technology)
- Well treating agents (petroleum production)

10.07.04 Ore beneficiation / 10.01 Metallic ores

- Activators (ore processing)
- Bactericides
- Collectors (ore processing)
- Defoamers
- Depressants (ore processing)
- Dewatering aids
- Dispersants
- Electrolytes
- Eluting agents
- Extraction agents
- Flocculating agents
- Flotation agents (ore processing)

Frothers
Ion exchange agents
Leaching agents
Milling aids
Modifiers (ore processing)
pH control agents
Precipitating agents
Refining agents (non-petroleum)
Slime control agents (ore processing)
Solvents
Surfactants

).07.04 Ore beneficiation / 10.04 Nonmetallic minerals

Activators (ore processing)
Anticaking agents
Bactericides
Collectors (ore processing)
Defoamers
Depressants (ore processing)
Dewatering aids
Dispersants
Extraction agents
Flocculating agents
Flotation agents (ore processing)
Frothers
Leaching agents
Milling aids
Modifiers (ore processing)
pH control agents
Precipitating agents
Refining agents (non-petroleum)
Slime control agents (ore processing)
Solvents
Surfactants
Water softeners

15 CONSTRUCTION

15.03.01 Plumbing, heating, and air conditioning (building construction)

Adhesives
Antiscaling agents (metals)
Bactericides
Coalescents
Coolants
Corrosion inhibitors
Decontaminants
Dehumidifiers
Dehydrating agents
Deionizers
Disinfectants
Embrittlement inhibitors
Heat insulating materials
Heat transfer agents
Humectants
Humidity indicators
Insulating materials
Refractories
Refrigerants
Rubber compounding agents
Rust inhibitors
Sealants
Water softeners

15.03.02 Painting, paperhanging, and decorating (building construction)

Adhesives
Binders
Coating agents
Driers
Fillers (patching)
Paint and varnish removers
Pigments
Sealants
Sizes
Solvents
Strippers
Surface coating additives
Surfactants
Waterproofing agents

15.03.03 Electrical work (building construction)

Adhesives
Electrical conductive agents
Electrical insulating materials
Flame retardants
Fluxing agents
Heat insulating materials

- Insulating materials
- Sealants

15.03.05 Plastering, dry wall, and acoustical work (building construction)

- Acoustical insulating materials
- Adhesives
- Binders
- Coating agents
- Fillers (augmentation)
- Fillers (patching)
- Flame retardants
- Grinding, lapping, sanding and polishing abrasives
- Reinforcing agents
- Sizes
- Surfactants

15.03.07 Insulation (installation as part of building construction)

- Acoustical insulating materials
- Adhesives
- Electrical insulating materials
- Fillers (patching)
- Flame retardants
- Heat insulating materials
- Insulating materials
- Preservatives
- Reinforcing agents
- Sealants
- Waterproofing agents

15.03.08 Carpentry (building construction)

- Binders
- Fillers (patching)
- Grinding, lapping, sanding and polishing abrasives
- Preservatives
- Sealants
- Waterproofing agents

15.03.09 Flooring (installation as part of building construction)

- Adhesion promoters
- Adhesives
- Binders
- Coating agents
- Grinding, lapping, sanding and polishing abrasives
- Pigments
- Sealants
- Solvents
- Strippers
- Surfactants
- Tar removers

15.03.14 Concrete work

- Accelerators
- Aerating agents
- Air entraining agents
- Binders
- Coagulants
- Concrete additives
- Curing agents (concrete)
- Retarders (chemical processes)
- Rust inhibitors
- Waterproofing agents
- Water-reducing agents (concrete technology)

20 FOOD AND KINDRED PRODUCTS

20.01 Food products

Acidulants (foods and beverages)
Aerosol propellents
Antioxidants
Antisettling agents
Clarifiers
Coagulants
Coloring agents
Dyes
Emulsifiers
Encapsulating agents
Enzymes
Extraction agents
Feed additives (animal nutrition)
Flavors and fragrances
Food additives
Gelling agents
Humectants
pH control agents
Preservatives
Sequestering agents
Softeners
Sweeteners (taste)
Thickeners
Viscosity adjustors

20.01 Food additives

Acidulants (foods and beverages)
Antioxidants
Clarifiers
Coagulants
Coloring agents
Dyes
Emulsifiers
Encapsulating agents
Enzymes
Flavors and fragrances
Food additives
Gelling agents
Humectants
pH control agents
Preservatives
Refrigerants
Sequestering agents
Softeners
Stabilizers
Sweeteners (taste)
Thickeners
Viscosity adjustors

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21 TOBACCO PRODUCTS

Absorbents
Adhesives
Coloring agents
Emulsifiers
Flavors and fragrances
Humectants
Oxidizers
Papermaking agents
Preservatives
Sweeteners (taste)

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22 TEXTILES AND TEXTILE FINISHING

22.01 Yarn and fabrics

- Anticreasing agents (textile technology)
- Anticrock agents (dye technology)
- Antipilling agents (textile technology)
- Antislip finishing agents (textile technology)
- Antistaining agents
- Antistatic agents
- Bleaching agents
- Bluing agents
- Boil-off assistants (textile technology)
- Crabbing assistants (textile technology)
- Dechlorinating agents
- Discharge printing agents (textile technology)
- Dye carriers
- Dye leveling agents
- Dye retardants
- Dye retention aids
- Dyes
- Flame retardants
- Fulling agents
- Fungicides
- Kier boiling assistants (textile technology)
- Oil repellents
- Protective agents (textile processing)
- Rubbing fastness agents (textile technology)
- Shrinkage controllers (textile technology)
- Sizes
- Soil release agents
- Soil retardants (textile technology)
- Vat printing assistants (textile technology)
- Water repellents
- Weighting agents (textile technology)

22.03 Textile finishing and coating

- Anticreasing agents (textile technology)
- Anticrock agents (dye technology)
- Antipilling agents (textile technology)
- Antislip finishing agents (textile technology)
- Antistaining agents
- Antistatic agents
- Bleaching agents
- Bluing agents
- Boil-off assistants (textile technology)
- Crabbing assistants (textile technology)
- Dechlorinating agents
- Discharge printing agents (textile technology)
- Dye carriers
- Dye leveling agents
- Dye retardants
- Dye retention aids

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Dyes
Flame retardants
Fulling agents (textile technology)
Kier boiling assistants (textile technology)
Oil repellents
Protective agents (textile processing)
Rubbing fastness agents (textile technology)
Shrinkage controllers (textile technology)
Sizes
Soil release agents
Soil retardants (textile technology)
Water repellents
Weighting agents (textile technology)

22.03.02 Coating (coating textiles with plastics materials)

Adhesives
Coating agents
Sizes
Soil retardants (textile technology)
Solvents
Water repellents
Waterproofing agents

23 APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS

- Anticreasing agents (textile technology)
- Antistaining agents
- Flame retardants
- Sizes
- Soil release agents
- Soil retardants
- Water repellents

23.02.01 Carpets and rugs

- Adhesives
- Antistaining agents
- Antistatic agents
- Coating agents
- Dye carriers
- Dye leveling agents
- Dye retardants
- Dye retention aids
- Dyes
- Flame retardants
- Oil repellents
- Sizes
- Soil retardants (textile technology)

23.02.02 Curtains and draperies

- Antifume agents (textile technology)
- Flame retardants
- Sizes
- Soil retardants (textile technology)
- Water repellents

23.02.03 Bedding

- Flame retardants
- Sizes
- Soil release agents
- Soil retardants (textile technology)

24 LUMBER AND WOOD PRODUCTS

24.03 Formed wood

Adhesives
Binders
Biocides
Coating agents
Fillers (patching)
Flame retardants
Grinding, lapping, sanding and polishing abrasives
Preservatives
Reinforcing agents
Solvents

24.03.01 Plywood and veneer

Adhesives
Binders
Biocides
Coating agents
Fillers (patching)
Flame retardants
Grinding, lapping, sanding and polishing abrasives
Preservatives
Solvents
Water repellents

24.03.03 Composition board

Adhesives
Binders
Biocides
Coating agents
Fillers (patching)
Flame retardants
Grinding, lapping, sanding and polishing abrasives
Preservatives
Solvents
Water repellents

24.06 Wood preserving

Flame retardants
Gelling agents
Insect repellents
Insecticides
Penetrants
Pesticides
Preservatives
Solvents
Water repellents
Waterproofing agents

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25 FURNITURE AND FIXTURES

Adhesives
Coating agents
Fillers (patching)
Flame retardants
Grinding, lapping, sanding and polishing abrasives
Materials for shaping
Metal treating agents
Paint and varnish removers
Plasticizers (polymer technology)
Plastics for shaping
Plating agents
Soil retardants (textile technology)

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26 PAPER AND ALLIED PRODUCTS

26.01 Pulp (paper and chemical grades)

- Abrasives
- Biocides
- Bleaching agents
- Delignification agents (wood pulping)
- Dewatering aids
- Pitch control agents (wood pulping)

26.01.08 Reclaimed paper pulp

- Bleaching agents
- De-inkers (paper technology)
- Desizing agents
- Dewatering aids
- Repulping aids (paper technology)

26.02 Paper

- Antiskid agents
- Binders
- Biocides
- Bleaching agents
- Bluing agents
- Dechlorinating agents
- Defoamers
- Dewatering aids
- Drainage aids (paper technology)
- Dry strength additives (paper technology)
- Dyes
- Fillers (augmentation)
- Fluorescent agents
- Formation aids (paper technology)
- Fungicides
- Greaseproofing agents
- Lubricating agents
- Oil repellents
- Opacifiers
- Optical quenchers
- Papermaking agents
- Penetrants
- pH control agents
- Pitch control agents (wood pulping)
- Reinforcing agents
- Repulping aids (paper technology)
- Retention aids (paper technology)
- Sizes
- Slime preventatives (paper technology)
- Softeners
- Water repellents
- Wet strength additives (paper technology)

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26.02.02.01 Coated papers

- Adhesives
- Barrier coating agents
- Binders
- Coating agents
- Defoamers
- Dispersants
- Fillers (augmentation)
- Greaseproofing agents
- Humectants
- Latex compounding agents
- Lubricating agents
- Opacifiers
- Papermaking agents
- Pigments
- Plasticizers (polymer technology)
- Sizes
- Stabilizers
- Viscosity adjustors

26.02.03 Packaging papers

- Antiskid agents
- Barrier coating agents
- Binders
- Biocides
- Bleaching agents
- Coating agents
- Dechlorinating agents
- Defoamers
- Dewatering aids
- Dispersants
- Drainage aids (paper technology)
- Dry strength additives (paper technology)
- Dyes
- Fillers (augmentation)
- Fluorescent agents
- Formation aids (paper technology)
- Greaseproofing agents
- Humectants
- Latex compounding agents
- Lubricating agents
- Oil repellents
- Opacifiers
- Optical quenchers
- Papermaking agents
- pH control agents
- Pigments
- Pitch control agents (wood pulping)
- Plasticizers (polymer technology)
- Reinforcing agents
- Retention aids (paper technology)
- Sizes

Slime preventatives (paper technology)
Softeners
Stabilizers
Viscosity adjustors
Water repellents
Wet strength additives (paper technology)

26.04.06 Cellulose insulation (loose fill)

Flame retardants

26.04.07 Asphalt and tar saturated building materials

Catalysts
Coating agents
Emulsifiers
Fillers (augmentation)
Penetrants
Solvents

26.05.01 Coated, laminated and treated paper products

Adhesives
Barrier coating agents
Binders
Biocides
Catalysts
Coating agents
Dispersants
Dyes
Emulsifiers
Fillers (augmentation)
Fluorescent agents
Greaseproofing agents
Latex compounding agents
Oil repellents
Opacifiers
Optical quenchers
Papermaking agents
Pigments
Plasticizers (polymer technology)
Precipitating agents
Reinforcing agents
Sizes
Softeners
Solvents
Water repellents
Waterproofing agents

26.05.02.05 Carbon paper and carbonless copy paper

Binders
Coating agents
Dispersants
Dyes

- Encapsulating agents
- Papermaking agents
- Solvents
- Toners

26.05.07 Industrial, household, and commercial absorbent paper products

- Disinfectants
- Dry strength additives (paper technology)
- Softeners
- Wet strength additives (paper technology)

26.05.08 Paper wrapping products

- Binders
- Coating agents
- Dry strength additives (paper technology)
- Dyes
- Fluorescent agents
- Pigments
- Reinforcing agents
- Softeners

26.06.03 Food packaging and food service products (made of paper)

- Adhesives
- Barrier coating agents
- Coating agents
- Greaseproofing agents
- Pigments

27 PRINTING AND PUBLISHING

27.01 Printed products

- Adhesives
- Binders
- Coating agents
- Driers
- Dyes
- Pigments
- Solvents
- Toners

27.02 Printing and related activities

- Adhesives
- Binders
- Coating agents
- Dyes
- Driers
- Pigments
- Solvents
- Toners

28 CHEMICALS AND ALLIED PRODUCTS

28.01 Inorganic chemicals

- Adsorbents
- Analytical and product testing agents
- Carriers (chemical processing)
- Chemical raw materials
- Electrolytes
- Extraction agents
- Indicators
- Inorganic intermediates
- Oxidation-reduction indicators
- Oxidizers
- pH control agents
- pH indicators
- Reaction media
- Reagents
- Reducers (chemical technology)
- Scavengers
- Solvents

28.02 Organic chemicals

- Activators (chemical processes)
- Adsorbents
- Analytical and product testing agents
- Carriers (chemical processing)
- Catalyst supports
- Catalysts
- Chemical raw materials
- Emulsifiers
- Entraining agents
- Extraction agents
- Indicators
- Initiators (chemical technology)
- Organic intermediates
- Oxidation-reduction indicators
- Oxidizers
- pH control agents
- pH indicators
- Polymerization inhibitors
- Reaction media
- Reagents
- Reducers (chemical technology)
- Retarders (chemical processes)
- Scavengers
- Solvents

28.06 Drugs

- Adsorbents
- Analytical and product testing agents
- Catalyst supports

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Catalysts
Chelating agents
Chemical raw materials
Dyes
Eluting agents
Encapsulating agents
Enzymes
Extraction agents
Fillers (augmentation)
Flavors and fragrances
Gelling agents
Hormones
Inorganic intermediates
Organic intermediates
Preservatives
Reaction media
Reagents
Solubilizing agents
Solvents
Sweeteners (taste)

28.07.01 Household soaps, detergents, and cleansers

Antiredeposition agents
Bleaching agents
Builders (soap and detergent technology)
Chelating agents
Deodorants
Detergents
Disinfectants
Dyes
Emollients
Enzymes
Fillers (augmentation)
Flavors and fragrances
Fluorescent agents
Grinding, lapping, sanding and polishing abrasives
Hydrotropic agents
Odorants
pH control agents
Precipitating agents
Rinse aids
Sequestering agents
Surfactants
Thickeners
Water softeners

28.07.02 Nonhousehold soaps, detergents, and cleansers

Antiredeposition agents
Bleaching agents
Builders (soap and detergent technology)
Chelating agents
Deodorants

Detergents
Disinfectants
Dyes
Emollients
Enzymes
Fillers (augmentation)
Flavors and fragrances
Fluorescent agents
Grinding, lapping, sanding and polishing abrasives
Hydrotropic agents
Odorants
pH control agents
Precipitating agents
Rinse aids
Sequestering agents
Surfactants
Thickeners
Water softeners

28.07.03.01 Polishing preparations

Aerosol propellents
Cleaners
Coating agents
Detergents
Dyes
Emulsifiers
Fillers (augmentation)
Flavors and fragrances
Grinding, lapping, sanding and polishing abrasives
Odorants
Penetrants
Pigments
Rust removers
Softeners
Solvents
Surfactants
Tarnish removers

28.07.03.02 Sanitation goods

Bactericides
Biocides
Cleaners
Deodorants
Detergents
Disinfectants
Odorants
Rinse aids
Solvents
Surfactants

28.07.03.03 Specialty cleaning preparations

- Aerosol propellents
- Deodorants
- Detergents
- Disinfectants
- Dust control agents
- Dyes
- Emollients
- Fillers (augmentation)
- Flavors and fragrances
- Frothers
- Grinding, lapping, sanding and polishing abrasives
- Humectants
- Hydrotropic agents
- Odorants
- Pigments
- Pre-spotting agents (drycleaning and laundering)
- Solvents
- Surfactants

28.07.03.04 Laundry aids

- Aerosol propellents
- Antistatic agents
- Bleaching agents
- Bluing agents
- Coating agents
- Dyes
- Fluorescent agents
- Lubricating agents
- Rinse aids
- Sizes
- Softeners
- Solvents
- Surfactants

28.07.04 Toilet preparations and cosmetics

- Aerosol propellents
- Antiperspirants
- Bactericides
- Coating agents
- Cosmetic ingredients
- Deodorants
- Detergents
- Dyes
- Emollients
- Emulsifiers
- Fixing agents (fragrances)
- Flavors and fragrances
- Frothers
- Fungicides
- Gelling agents

Grinding, lapping, sanding and polishing abrasives
Humectants
Hydrotropic agents
Odorants
Opacifiers
Pearlizing agents
Pigments
Plasticizers (polymer technology)
Softeners
Solvents
Surfactants
Sweeteners (taste)
Thickeners
Viscosity adjustors

28.08 Paints and allied products

Aerosol propellents
Anticratering agents (surface coatings)
Antifloating agents
Antiflooding agents (surface coatings)
Antifouling agents (surface coating technology)
Antilivering agents (surface coatings)
Antioxidants
Antisagging agents (surface coatings)
Antisettling agents
Antiskinning agents
Antistatic agents
Bactericides
Barrier coating agents
Bloom inhibitors (surface coatings)
Coalescing agents (surface coatings)
Coating agents
Coloring agents
Corrosion inhibitors
Driers
Electroconductive coating agents
Fillers (patching)
Flatting agents (surface coatings)
Fungicides
Latex compounding agents
Mar proofing agents (surface coatings)
Opacifiers
Paint and varnish removers
Pearlizing agents
Pigments
Plasticizers (polymer technology)
Preservatives
Sealants
Solvents
Stabilizers
Strippers
Surface coating additives

  Thickeners
  Thixotropic agents
  Waterproofing agents
  Wetting agents

28.08.03.01 Sealants

  Binders
  Dispersants
  Driers
  Fillers (patching)
  Pigments
  Plasticizers (polymer technology)
  Prepolymers (polymer technology)
  Sealants
  Solvents
  Thickeners
  Thixotropic agents

28.08.03.02 Wood fillers and sealers

  Adhesion promoters
  Binders
  Coating agents
  Driers
  Fillers (patching)
  Pigments
  Plasticizers (polymer technology)
  Prepolymers (polymer technology)
  Preservatives
  Sealants
  Solvents
  Thickeners

28.08.03.03 Paint and varnish removers

  Denaturants
  Paint and varnish removers
  Retarders (chemical processes)
  Solvents

28.08.03.08 Pigment dispersions

  Dispersants
  Driers
  Fillers (augmentation)
  Pigments
  Solvents
  Thixotropic agents

28.08.03.09 Ink vehicles

  Antioxidants
  Binders
  Dispersants

Driers
Emulsifiers
Gelling agents
Humectants
Intensifiers (printing)
Plasticizers (polymer technology)
Solubilizing agents
Solvents
Surfactants
Thixotropic agents
Viscosity adjustors

28.09 Resins, plastics, elastomers, and man-made fibers

Accelerators
Activators (chemical processes)
Antiblocking agents (polymer technology)
Anticracking agents (rubber technology)
Antifume agents (textile technology)
Antihydrolysis agents (polymer technology)
Antioxidants
Antiozonants
Antiplasticizers (polymer technology)
Antistatic agents
Catalysts
Chain extenders (polymer technology)
Chain terminators (polymer technology)
Chain transfer agents (polymer technology)
Chemical blowing agents (polymer technology)
Corrosion inhibitors
Coupling agents (polymers)
Crosslinking agents (polymer technology)
Curing agents (polymer technology)
Delustrants (textile technology)
Dusting agents (rubber technology)
Dyes
Elasticizers
Emulsifiers
Fiber forming compounds
Fillers (augmentation)
Flame retardants
Fluorescent agents
Heat stabilizers
Impact modifiers (polymer technology)
Initiators (chemical technology)
Internal lubricating agents
Light stabilizers
Lubricating agents
Monomers (polymer technology)
Nucleating agents
Opacifiers
Parting agents (molding)
Pearlizing agents

Vol IV

pH control agents
Physical blowing agents (polymer technology)
Pigments
Plasticizers (polymer technology)
Plastics additives
Plastics for shaping
Polymerization additives
Precipitating agents
Prepolymers (polymer technology)
Prevulcanization inhibitors (rubber technology)
Reinforcing agents
Retarders (chemical processes)
Rubber compounding agents
Rubber for shaping
Rubber reclaiming agents
Slip agents (plastics technology)
Softeners
Solubilizing agents
Solvents
Surfactants
Swelling agents
Ultraviolet absorbers
Vulcanizing agents (rubber technology)

28.09.04 Man-made fibers

Antifume agents (textile technology)
Antistatic agents
Catalysts
Chain extenders (polymer technology)
Chain terminators (polymer technology)
Chain transfer agents (polymer technology)
Chemical raw materials
Delustrants (textile technology)
Dyes
Fiber forming compounds
Flame retardants
Initiators (chemical technology)
Light stabilizers
Lubricating agents
Monomers (polymer technology)
Opacifiers
pH control agents
Pigments
Polymerization additives
Precipitating agents
Solubilizing agents
Solvents
Surfactants
Ultraviolet absorbers

28.10 Agricultural chemicals

Animal repellents

Anticaking agents
Bactericides
Biocides
Fertilizers
Fumigants
Fungicides
Herbicides
Insect attractants
Insect repellents
Insecticides
Nematocides
Pesticides
Plant growth regulators
Rodenticides
Soil conditioners
Solvents
Spreaders (plant applications)
Stabilizers
Stickers

28.11 Explosives and related products

Absorbents
Binders
Chemical raw materials
Desensitizers (explosives)
Detonators
Explosion inhibitors
Explosives
Fillers (augmentation)
Fuel oxidizers
Gelling agents
Heat insulating materials
Heat stabilizers
Incendiaries
Organic intermediates
Oxidizers
Preservatives
Stabilizers

28.12 Inks

Antioxidants
Binders
Dispersants
Driers
Dyes
Emulsifiers
Gelling agents
Humectants
Intensifiers (printing)
Lakes (coloring)
Pigments
Plasticizers (polymer technology)

- Solubilizing agents
- Solvents
- Thixotropic agents
- Toners (coloring)
- Viscosity adjustors

28.13 Adhesives

- Adhesion promoters
- Adhesives
- Coupling agents (polymers)
- Curing agents (polymer technology)
- Fillers (augmentation)
- Solvents
- Tackifiers
- Thickeners

29 PETROLEUM AND OTHER ENERGY PROCESSES AND PRODUCTS

29.01 Petroleum refinery processes

Absorbents
Catalyst supports
Catalysts
Chelating agents
Corrosion inhibitors
Deasphalting agents
Deblooming agents
Demulsifiers
Dewaxing solvents (petroleum technology)
Entraining agents
Extraction agents
Heat insulating materials
Heat transfer agents
Refractories
Scavengers
Solvents
Sweeteners (petroleum technology)

29.02 Petroleum products

Antifouling agents (petroleum products)
Antiknock agents (fuels)
Antioxidants
Antiseize agents (lubricants)
Antistripping agents (asphalt)
Bactericides
Biocides
Catalysts
Chelating agents
Cloud point depressants
Coolants
Corrosion inhibitors
Deblooming agents
Deicers
Demulsifiers
Deodorants
Deposit modifiers (fuels)
Detergents
Dispersants
Dyes
Emulsifiers
Fluorescent agents
Fuel additives
Fuel oxidizers
Fuels
Gelling agents
Hydraulic fluids
Lubricant additives
Lubricating agents
Odorants

Penetrants
Pour point depressants (lubricants)
Scavengers
Surfactants
Sweeteners (petroleum technology)
Transmission fluids
Viscosity adjustors
Viscosity index improvers

29.02.01.01 Gasoline

Antifouling agents (petroleum products)
Antiknock agents (fuels)
Antioxidants
Antistatic agents
Biocides
Chelating agents
Corrosion inhibitors
Deicers
Deposit modifiers (fuels)
Detergents
Dispersants
Dyes
Fluorescent agents
Fuel additives
Fuels
Pour point depressants (lubricants)
Scavengers
Surfactants

29.02.01.02 Jet fuel

Antifouling agents (petroleum products)
Antioxidants
Biocides
Corrosion inhibitors
Deicers
Emulsifiers
Flame retardants
Fuel additives
Gelling agents

29.02.06.01 Lubricating oils

Antifouling agents (petroleum products)
Antiseize agents (lubricants)
Chelating agents
Corrosion inhibitors
Defoamers
Detergents
Dispersants
Lubricant additives
Paint and varnish removers
Pour point depressants (lubricants)

Rust inhibitors
Surfactants
Viscosity index improvers

29.02.06.02 Hydraulic and transmission oils

Antioxidants
Antiseize agents (lubricants)
Corrosion inhibitors
Defoamers
Detergents
Dispersants
Functional fluids
Hydraulic fluids
Lubricant additives
Pour point depressants (lubricants)
Rust inhibitors
Transmission fluids
Viscosity index improvers

29.02.06.04 Metalworking oils

Antioxidants
Biocides
Corrosion inhibitors
Detergents
Dispersants
Emulsifiers
Lubricant additives
Lubricating agents
Oiliness agents
Penetrants
Pour point depressants (lubricants)
Rust inhibitors
Surfactants
Viscosity index improvers

29.02.06.05 Lubricating greases

Antioxidants
Antiseize agents (lubricants)
Corrosion inhibitors
Gelling agents
Lubricant additives
Lubricating agents
Rust inhibitors
Thickeners

29.03.01.02 Synthetic liquid fuels from coal

Catalyst supports
Catalysts
Fuel additives
Oxidizers
Reaction media

Reducers (chemical technology)
Solvents

29.05.01 Asphalt and tar paving products

Antistripping agents (asphalt)
Emulsifiers
Fillers (augmentation)
pH control agents
Sealants
Solvents
Stabilizers

29.06 Nuclear energy products

Adsorbents
Decontaminants
Eluting agents
Extraction agents
Fuels
Heat transfer agents
Ion exchange agents
Leaching agents
Oxidizers
Poison gas decontaminants
Precipitating agents
Radioactivity decontaminants
Reagents
Reducers (chemical technology)
Refractories
Solvents

30 RUBBER AND PLASTICS PRODUCTS

30.01 Rubber products

Abherents
Accelerators
Activators (chemical processes)
Adhesion promoters
Adhesives
Antiblocking agents (polymer technology)
Anticracking agents (rubber technology)
Antihydrolysis agents (polymer technology)
Antioxidants
Antiozonants
Antistatic agents
Antiwebbing agents (latex technology)
Blowing agents (polymer technology)
Catalysts
Chain terminators (polymer technology)
Chain transfer agents (polymer technology)
Chemical blowing agents (polymer technology)
Coupling agents (polymers)
Crosslinking agents (polymer technology)
Curing agents (polymer technology)
Depolymerization agents
Detackifiers
Devulcanizing agents (rubber technology)
Dusting agents (rubber technology)
Fillers (augmentation)
Heat stabilizers
Internal lubricating agents
Latex compounding agents
Light stabilizers
Monomers (polymer technology)
Parting agents (molding)
Physical blowing agents (polymer technology)
Pigments
Plasticizers (polymer technology)
Polymerization additives
Polymerization inhibitors
Prepolymers (polymer technology)
Prevulcanization inhibitors (rubber technology)
Reinforcing agents
Retarders (chemical processes)
Rubber compounding agents
Rubber for shaping
Rubber reclaiming agents
Softeners
Solvents
Stabilizers
Swelling agents
Tackifiers
Vulcanizing agents (rubber technology)

30.01.01 Reclaimed rubber

- Depolymerization agents
- Detackifiers
- Devulcanizing agents (rubber technology)
- Elasticizers
- Fillers (augmentation)
- Rubber compounding agents
- Rubber for shaping
- Rubber reclaiming agents
- Softeners
- Solvents
- Swelling agents

30.01.05 Sponge and foam rubber goods

- Adhesion promoters
- Adhesives
- Air entraining agents
- Blowing agents (polymer technology)
- Chemical blowing agents (polymer technology)
- Crosslinking agents (polymer technology)
- Fillers (augmentation)
- Initiators (chemical technology)
- Monomers (polymer technology)
- Physical blowing agents (polymer technology)
- Pigments
- Polymerization additives
- Prepolymers (polymer technology)
- Rubber compounding agents
- Rubber for shaping
- Softeners
- Solvents

30.01.08 Rubber mechanical goods

- Antiblocking agents (polymer technology)
- Anticracking agents (rubber technology)
- Antioxidants
- Antiozonants
- Antiplasticizers (polymer technology)
- Antistatic agents
- Curing agents (polymer technology)
- Dusting agents (rubber technology)
- Fillers (augmentation)
- Flame retardants
- Heat stabilizers
- Parting agents (molding)
- Pigments
- Reinforcing agents
- Retarders (chemical processes)
- Rubber compounding agents
- Rubber for shaping

Softeners
Vulcanizing agents (rubber technology)

.02 Plastics products

Antihydrolysis agents (polymer technology)
Antioxidants
Antiplasticizers (polymer technology)
Antistatic agents
Chemical blowing agents (polymer technology)
Corrosion inhibitors
Coupling agents (polymers)
Crosslinking agents (polymer technology)
Curing agents (polymer technology)
Dyes
Elasticizers
Fillers (augmentation)
Flame retardants
Fluorescent agents
Heat stabilizers
Impact modifiers (polymer technology)
Internal lubricating agents
Light stabilizers
Lubricating agents
Nucleating agents
Opacifiers
Parting agents (molding)
Pearlizing agents
Physical blowing agents (polymer technology)
Pigments
Plasticizers (polymer technology)
Plastics additives
Plastics for shaping
Reinforcing agents
Slip agents (plastics technology)
Softeners
Ultraviolet absorbers

31 LEATHER, LEATHER PRODUCTS, AND RELATED NON-LEATHER PRODUCTS

31.01 Leather tanning and finishing

- Bates (leather technology)
- Coating agents
- Currying agents (leather technology)
- Degreasers
- Dehairing agents (leather technology)
- Desizing agents
- Dyes
- Emollients
- Enzymes
- Greaseproofing agents
- Leather processing agents
- Oil repellents
- Penetrants
- Pigments
- Softeners
- Tanning agents (leather technology)
- Water repellents
- Waterproofing agents

31.03 Leather products and related non-leather products

- Adhesives
- Coating agents
- Currying agents (leather technology)
- Dyes
- Leather processing agents
- Penetrants
- Pigments
- Softeners
- Water repellents
- Waterproofing agents

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32 STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

32.01 Glass

- Adhesives
- Coating agents
- Coloring agents
- Etching agents
- Materials for shaping
- Pigments

32.01.01 Glass finishing

- Cleaners
- Coating agents
- Coloring agents
- Etching agents
- Grinding, lapping, sanding and polishing abrasives

32.01.04 Glass containers

- Cleaners
- Coating agents
- Coloring agents
- Grinding, lapping, sanding and polishing abrasives
- Materials for shaping
- Pigments

32.01.05 Glassware

- Cleaners
- Coating agents
- Coloring agents
- Etching agents
- Materials for shaping
- Pigments

32.03 Concrete products

- Accelerators
- Air entraining agents
- Concrete additives
- Curing agents (concrete)
- Fillers (augmentation)
- Materials for shaping
- Reinforcing agents
- Retarders (chemical processes)
- Waterproofing agents
- Water-reducing agents (concrete technology)

32.05 Gypsum products

- Accelerators
- Adhesives
- Binders
- Coating agents

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Coloring agents
Fillers (patching)
Grinding, lapping, sanding and polishing abrasives
Materials for shaping
Refractories
Reinforcing agents
Retarders (chemical processes)

32.06 Structural clay products

Accelerators
Adhesives
Binders
Coating agents
Coloring agents
Fillers (patching)
Grinding, lapping, sanding and polishing abrasives
Materials for shaping
Pigments
Refractories
Reinforcing agents
Retarders (chemical processes)

32.07 Ceramics and related products

Accelerators
Adhesives
Binders
Coating agents
Coloring agents
Fillers (patching)
Grinding, lapping, sanding and polishing abrasives
Materials for shaping
Pigments
Refractories
Reinforcing agents
Retarders (chemical processes)

32.09.01 Abrasive products

Abrasives
Adhesion promoters
Adhesives
Binders
Blasting abrasives
Grinding, lapping, sanding and polishing abrasives
Heat stabilizers
Impact modifiers (polymer technology)
Materials for shaping

32.09.02 Asbestos products

Adhesives
Antioxidants
Binders

Coloring agents
Coupling agents (polymers)
Curing agents (polymer technology)
Fillers (augmentation)
Flame retardants
Heat insulating materials
Heat stabilizers
Insulating materials
Materials for shaping
Pigments
Plasticizers (polymer technology)
Prepolymers (polymer technology)
Reinforcing agents
Scavengers
Sizes
Solvents

32.09.02.01 Asbestos friction materials

Adhesives
Antioxidants
Binders
Coupling agents (polymers)
Curing agents (polymer technology)
Fillers (augmentation)
Heat insulating materials
Heat stabilizers
Materials for shaping
Prepolymers (polymer technology)
Reinforcing agents
Scavengers
Solvents

32.09.02.02 Asphalt and vinyl asbestos floor tile

Adhesives
Binders
Coloring agents
Coupling agents (polymers)
Curing agents (polymer technology)
Fillers (augmentation)
Heat stabilizers
Materials for shaping
Plasticizers (polymer technology)
Reinforcing agents
Scavengers
Solvents

32.09.02.03 Asbestos textiles

Anticrock agents (dye technology)
Binders
Dye carriers
Dye leveling agents

Dyes
Fiber forming compounds
Fillers (augmentation)
Fluorescent agents
Penetrants
Sizes
Softeners

32.09.02.06 Asbestos-cement products

Accelerators
Air entraining agents
Concrete additives
Curing agents (concrete)
Fillers (augmentation)
Materials for shaping
Reinforcing agents
Retarders (chemical processes)
Waterproofing agents
Water-reducing agents (concrete technology)

33 METALS AND RELATED PRODUCTS

33.01 Basic iron and steel

- Antiscaling agents (metals)
- Catalysts
- Corrosion inhibitors
- Lubricating agents
- Materials for shaping
- Oxidizers
- Phosphatizing agents (metals)
- Pickling agents (metal technology)
- Pickling inhibitors (metal treating)
- Quenchers (metallurgy)
- Reducers (chemical technology)
- Solvents

33.01.05 Iron and steel castings

- Binders
- Fillers (augmentation)
- Materials for shaping

33.02 Basic nonferrous metals

- Abrasives
- Electrolytes
- Extraction agents
- Fluxing agents
- Ion exchange agents
- Leaching agents
- Lubricating agents
- Materials for shaping
- Oxidizers
- Precipitating agents
- Reducers (chemical technology)
- Solvents

34 FABRICATED METAL PRODUCTS

34.01 Metal cans and shipping containers

- Coating agents
- Corrosion inhibitors
- Degreasers
- Fluxing agents
- Lubricating agents
- Materials for shaping
- Metal treating agents
- Phosphatizing agents (metals)

34.02 Metal forgings and stampings (except containers formed by stamping)

- Coating agents
- Lubricating agents
- Materials for shaping

34.03 Fabricated structural metal products

- Abrasives
- Antiscaling agents (metals)
- Brazing agents (metals)
- Coating agents
- Corrosion inhibitors
- Descaling agents (metals)
- Fluxing agents
- Fume suppressants (electroplating)
- Lubricating agents
- Materials for shaping
- Metal conditioners
- Phosphatizing agents (metals)
- Pickling agents (metal technology)
- Pickling inhibitors (metal treating)
- Plating agents
- Rust inhibitors

34.04 Screw machine products and fasteners

- Coating agents
- Degreasers
- Lubricant additives
- Lubricating agents
- Materials for shaping
- Plating agents
- Rust inhibitors

34.05 Heating equipment and plumbing fixtures

- Coating agents
- Fuels
- Heat insulating materials
- Materials for shaping
- Refractories

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34.06 Cutley, hand tools, and general hardware

- Coating agents
- Materials for shaping
- Metal treating agents

34.07 Ordnance and accessories, except vehicles and guided missiles

- Herbicides
- Coolants
- Dehumidifiers
- Desensitizers (explosives)
- Detonators
- Electrical insulating materials
- Explosion inhibitors
- Explosives
- Heat stabilizers
- Incendiaries
- Insulating materials
- Lachrymators
- Obscuring agents (chemical smokes)
- Oxidizers
- Preservatives

34.09.01 Electroplating, plating, anodizing, and polishing (metal products)

- Abrasives
- Antiscaling agents (metals)
- Degreasers
- Descaling agents (metals)
- Electroconductive coating agents
- Electrolytes
- Fluxing agents
- Fume suppressants (electroplating)
- Metal conditioners
- Metal strippers
- Metal treating agents
- pH control agents
- Phosphatizing agents (metals)
- Plating agents
- Solvents
- Strippers

34.09.02 Etching and engraving (metal products)

- Abrasives
- Blasting abrasives
- Degreasers
- Electrolytes
- Etching agents
- Metal treating agents
- Oxidizers

34.09.03 Brazing, welding, soldering, and adhesive bonding

- Adhesion promoters
- Adhesives
- Brazing agents (metals)
- Degreasers
- Fluxing agents
- Metal treating agents
- Quenchers (metallurgy)
- Solvents

34.09.04 Machining

- Grinding, lapping, sanding and polishing abrasives
- Lubricant additives
- Lubricating agents
- Materials for shaping

34.09.05 Galvanizing and other hot dip coatings (metal products)

- Bright dips (metal treating)
- Coating agents
- Corrosion inhibitors
- Degreasers
- Metal conditioners
- Metal treating agents
- Pickling agents (metal technology)
- Pickling inhibitors (metal treating)
- Plating agents

34.09.06 Metal coatings n.e.c

- Antiscaling agents (metals)
- Bright dips (metal treating)
- Brighteners (electroplating)
- Coating agents
- Corrosion inhibitors
- Degreasers
- Descaling agents (metals)
- Metal conditioners
- Metal treating agents
- Phosphatizing agents (metals)
- Pickling agents (metal technology)
- Pickling inhibitors (metal treating)
- Rust inhibitors
- Solvents

34.09.07 Surface cleaning and conditioning (metal products)

- Antiscaling agents (metals)
- Bright dips (metal treating)
- Cleaners
- Corrosion inhibitors
- Degreasers
- Descaling agents (metals)

Detergents
Embrittlement inhibitors
Metal conditioners
Pickling inhibitors (metal treating)
Rust inhibitors
Rust removers
Solvents
Surfactants
Tarnish inhibitors

35 MACHINERY

- Acoustical insulating materials
- Adhesion promoters
- Adhesives
- Brazing agents (metals)
- Coating agents
- Electrical conductive agents
- Electrical insulating materials
- Fuels
- Grinding, lapping, sanding and polishing abrasives
- Heat insulating materials
- Lubricant additives
- Lubricating agents
- Materials for shaping
- Refrigerants
- Rust inhibitors
- Sealants
- Solvents
- Water softeners

35.08.05 Service industry machinery n.e.c

- Coating agents
- Electrical conductive agents
- Electrical insulating materials
- Lubricating agents
- Materials for shaping
- Sealants
- Water softeners

35.09 Refrigeration, air conditioning, and warm air heating equipment

- Adhesives
- Brazing agents (metals)
- Coating agents
- Electrical conductive agents
- Electrical insulating materials
- Heat insulating materials
- Lubricating agents
- Refrigerants
- Sealants
- Surface coating additives

36 ELECTRICAL AND ELECTRONIC EQUIPMENT

36.01 Electric power equipment

- Electrical conductive agents
- Electrical insulating materials
- Fuel additives
- Fuels
- Heat insulating materials
- Heat transfer agents
- Photosensitive agents

36.01.02 Transformers

- Coating agents
- Electrical conductive agents
- Electrical insulating materials
- Functional fluids
- Heat transfer agents
- Materials for shaping

36.01.03 Switchgear and switchboard apparatus

- Coating agents
- Electrical conductive agents
- Electrical insulating materials
- Functional fluids
- Materials for shaping

36.02 Electrical industrial apparatus

- Brazing agents (metals)
- Electrical conductive agents
- Electrical insulating materials
- Fluxing agents
- Functional fluids
- Materials for shaping

36.02.04 Carbon and graphite products for electrical applications

- Binders
- Electrical conductive agents

36.03 Household appliances

- Acoustical insulating materials
- Coating agents
- Electrical insulating materials
- Heat insulating materials
- Lubricating agents
- Materials for shaping
- Refrigerants
- Sealants

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36.04 Electric lighting and wiring equipment

Electrical conductive agents
Electrical insulating materials
Materials for shaping
Plastics additives
Rubber compounding agents
Sealants

36.05 Consumer electronics

Electrical conductive agents
Electrical insulating materials
Liquid crystals
Materials for shaping
Phosphorescent agents
Sealants
Semiconductors

36.06 Communication equipment

Electrical conductive agents
Electrical insulating materials
Liquid crystals
Materials for shaping
Phosphorescent agents
Sealants
Semiconductors

36.08.04 Office copiers and duplicating machines

Dyes
Photosensitive agents
Solvents
Toners (coloring)

36.10 Electronic components and accessories

Electrical conductive agents
Electrical insulating materials
Electroconductive coating agents
Electron emission agents
Fluorescent agents
Liquid crystals
Sealants
Semiconductors (electronics technology)

36.11.01 Storage batteries

Electrical conductive agents
Electrical insulating materials
Electrolytes
Materials for shaping

36.11.02 Primary batteries

- Electrical conductive agents
- Electrical insulating materials
- Electrolytes
- Materials for shaping
- Oxidizers
- Reducers (chemical technology)

37 TRANSPORTATION EQUIPMENT

Acoustical insulating materials
Adhesion promoters
Adhesives
Antifreezes
Antiknock agents (fuels)
Antistaining agents
Coating agents
Deicers
Electrical conductive agents
Electrical insulating materials
Fluxing agents
Fuel additives
Fuels
Grinding, lapping, sanding and polishing abrasives
Heat insulating materials
Lubricant additives
Lubricating agents
Materials for shaping
Rust inhibitors
Sealants
Solvents

37.03.02 Boat building

Adhesives
Coating agents
Electrical conductive agents
Electrical insulating materials
Fuel additives
Grinding, lapping, sanding and polishing abrasives
Heat insulating materials
Lubricant additives
Materials for shaping
Preservatives
Rust inhibitors
Sealants
Solvents
Waterproofing agents

37.06 Guided missiles, space vehicles and parts

Ablatives
Adhesives
Coating agents
Coolants
Electrical insulating materials
Fuel oxidizers
Fuels
Functional fluids
Heat insulating materials
Hydraulic fluids
Lubricating agents

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Materials for shaping
Sealants

38 INSTRUMENTS AND RELATED PRODUCTS

38.01 Engineering and scientific instruments

- Coating agents
- Functional fluids
- Liquid crystals
- Lubricating agents
- Materials for shaping
- Semiconductors

38.04.02 Medical appliances and supplies

- Biocides
- Cleaners
- Coating agents
- Disinfectants
- Materials for shaping
- Water repellents

38.04.03 Dental equipment and supplies

- Abrasives
- Cleaners
- Coating agents
- Curing agents (polymer technology)
- Disinfectants
- Materials for shaping
- Plastics for shaping
- Prepolymers (polymer technology)

38.06.04 Photographic film and sensitized plates (except X-ray)

- Antifogging agents (imaging systems)
- Coating agents
- Desensitizers (photography)
- Dyes
- Intensifiers (photography)
- Photosensitive agents
- Plastics for shaping
- Sensitizers (photochemistry)

38.06.05 Sensitized photographic paper and cloth (silver halide type)

- Antifogging agents (imaging systems)
- Coating agents
- Desensitizers (photography)
- Intensifiers (photography)
- Photosensitive agents
- Sensitizers (photochemistry)

38.06.06 Sensitized photographic paper and cloth (other than silver halide type)

- Antifogging agents (imaging systems)
- Coating agents

Desensitizers (photography)
Intensifiers (photography)
Photosensitive agents
Sensitizers (photochemistry)

38.06.07 Prepared photographic chemicals

Accelerators
Antifogging agents (imaging systems)
Developers (image formation)
Fixatives (photography)
Intensifiers (photography)
pH control agents
Preservatives
Retarders (chemical processes)

39 MISCELLANEOUS MANUFACTURED PRODUCTS

39.04 Toys, games, and children´s vehicles

- Coating agents
- Coloring agents
- Materials for shaping
- Papermaking agents
- Plastics additives
- Rubber compounding agents
- Surface coating additives
- Textile specialties

39.06 Hobby, crafts, and art supplies

- Analytical and product testing agents
- Coating agents
- Dyes
- Materials for shaping
- Papermaking agents
- Pigments
- Plastics additives
- Reagents
- Rubber compounding agents
- Surface coating additives
- Textile specialties

39.07.04 Inked ribbons

- Binders
- Coating agents
- Driers
- Dyes
- Pigments
- Solvents
- Textile specialties

39.09.04 Fire extinguishers

- Fire extinguishing agents
- Materials for shaping

39.09.07 Furs

- Dyes
- Softeners
- Tanning agents (leather technology)

40 TRANSPORTATION, COMMUNICATIONS, UTILITIES, AND POLLUTION CONTROL

40.01.03.02 Warehousing

- Cleaners
- Dust control agents
- Fire extinguishing agents
- Fumigants

40.05 Water supply and use

- Adsorbents
- Aerating agents
- Algicides
- Analytical and product testing agents
- Bactericides
- Bleaching agents
- Clarifiers
- Decontaminants
- Deionizers
- Disinfectants
- Filtration aids
- Indicators
- Ion exchange agents
- Oxidizers
- pH indicators
- Sequestering agents
- Water softeners

40.06.01 Air pollution control

- Absorbents
- Adsorbents
- Analytical and product testing agents
- Antistatic agents
- Catalyst supports
- Catalysts
- Dechlorinating agents
- Decontaminants
- Disinfectants
- Dust control agents
- Indicators
- Nucleating agents
- Odorants
- Poison gas decontaminants
- Radioactivity decontaminants
- Scavengers
- Solvents

40.06.02 Liquid waste treatment

- Adsorbents
- Aerating agents
- Algicides
- Analytical and product testing agents

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Bactericides
Biocides
Bleaching agents
Coagulants
Coalescents
Dechlorinating agents
Decontaminants
Disinfectants
Emulsifiers
Flocculating agents
Frothers
Oxidizers
Precipitating agents
Radioactivity decontaminants
Scavengers

40.06.03 Solid waste treatment

Absorbents
Cleaners
Decontaminants
Disinfectants
Dust control agents
Waterproofing agents

70 SERVICES

70.01 Laundry and dry cleaning

- Bleaching agents
- Bluing agents
- Cleaners
- Detergents
- Pre-spotting agents (drycleaning and laundering)
- Rinse aids
- Rust removers
- Softeners
- Solvents
- Water softeners

70.02 Beauty and barber shops

- Cleaners
- Cosmetic ingredients
- Disinfectants
- Surfactants

70.03 Shoe shining and repair

- Adhesives
- Cleaners
- Coating agents
- Solvents

70.04 Funeral services

- Embalming agents

70.06.02 Photofinishing

- Accelerators
- Antifogging agents (imaging systems)
- Developers (image formation)
- Fixatives (photography)
- Intensifiers (photography)
- pH control agents
- Photosensitive agents
- Preservatives
- Solvents

70.06.03 Photocopying

- Accelerators
- Antifogging agents (imaging systems)
- Desensitizers (photography)
- Developers (image formation)
- Fixatives (photography)
- Intensifiers (photography)
- pH control agents
- Photosensitive agents
- Preservatives

Sensitizers (photochemistry)
Toners (coloring)

70.07 Disinfecting and exterminating services

Bactericides
Cleaners
Detergents
Disinfectants
Fumigants
Fungicides
Insecticides
Pesticides
Rodenticides

70.09 Laboratories

Analytical and product testing agents
Antiprecipitants
Antistatic agents
Bleaching agents
Catalysts
Chelating agents
Coagulants
Complexing agents
Culture nutrients
Decontaminants
Deionizers
Detergents
Disinfectants
Dust control agents
Electrolytes
Encapsulating agents
Enzyme inhibitors
Enzymes
Humidity indicators
Inorganic intermediates
Organic intermediates
Oxidation-reduction indicators
Oxidizers
pH control agents
pH indicators
Precipitating agents
Preservatives
Reagents
Reducers (chemical technology)
Solvents
Stains (microscopy)
Surfactants

70.11.01 Automobile painting

Abrasives
Anticratering agents (surface coatings)

- Antifloating agents
- Antiflooding agents (surface coatings)
- Antisagging agents (surface coatings)
- Antisettling agents
- Bloom inhibitors
- Coalescing agents (surface coatings)
- Coating agents
- Corrosion inhibitors
- Dispersants
- Fillers (patching)
- Pigments
- Sealants
- Solvents
- Surface coating additives
- Viscosity adjustors

70.11.02 Automobile repair

- Abrasives
- Adhesives
- Cleaners
- Degreasers
- Fillers (patching)
- Insulating materials
- Sealants
- Solvents

70.11.03 Automobile washing, cleaning, and polishing

- Abrasives
- Bleaching agents
- Builders (soap and detergent technology)
- Cleaners
- Coating agents
- Corrosion inhibitors
- Degreasers
- Deodorants
- Detergents
- Disinfectants
- Rinse aids
- Rust inhibitors
- Rust removers
- Sealants
- Solvents
- Surfactants
- Tar removers
- Water repellents
- Wetting agents

70.11.04 Tire retreading and recapping

- Adhesion promoters
- Adhesives
- Solvents

70.12.01.02 Refrigeration and air conditioning service and repair

- Insulating materials
- Lubricating agents
- Refrigerants
- Sealants

70.12.03.01 Welding and brazing

- Brazing agents (metals)
- Descaling agents (metals)
- Fluxing agents
- Metal treating agents

70.14 Medical services

- Abrasives
- Biocides
- Cleaners
- Coating agents
- Curing agents (polymer technology)
- Disinfectants
- Materials for shaping
- Plastics for shaping
- Plating agents
- Prepolymers (polymer technology)
- Solvents

70.17 Museums, art galleries, and botanical and zoological gardens

- Biocides
- Cleaners
- Feed additives (animal nutrition)
- Fertilizers
- Fire extinguishing agents
- Pesticides

80.01.05 Service stations and garages

- Abrasives
- Adhesives
- Aerosol propellents
- Antifreezes
- Coolants
- Degreasers
- Deicers
- Detergents
- Disinfectants
- Fuel additives
- Fuels
- Hydraulic fluids
- Lubricant additives
- Lubricating agents
- Penetrants
- Rust inhibitors
- Scavengers
- Sealants
- Solvents
- Surfactants
- Transmission fluids
- Viscosity index improvers

80.01.06 Warehouses

- Animal repellents
- Cleaners
- Decontaminants
- Disinfectants
- Dust control agents
- Fire extinguishing agents
- Fumigants
- Insecticides
- Rodenticides

80.02.01 Cleaning (buildings)

- Cleaners
- Disinfectants
- Dust control agents

80.02.02 Maintenance (buildings)

- Adhesives
- Brazing agents (metals)
- Coating agents
- Fillers (patching)
- Fluxing agents
- Insulating materials
- Lubricating agents
- Materials for shaping

Sealants

80.02.03 Disinfecting and exterminating (buildings)

  - Disinfectants
  - Pesticides

90 PUBLIC ADMINISTRATION

90.01.01 Police protection

Adsorbents
Lachrymators
Obscuring agents (chemical smokes)

90.01.02 Fire protection

Fire extinguishing agents
Frothers

III SOME COMMON FUNCTION/APPLICATION COMBINATIONS

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FUNCTION	APPLICATION
1 Antifouling agents (surface coating technology)	
28.08	Paints and allied products
2 Ion exchange agents	
10.07.04	Ore beneficiation / 10.01 Metallic ores
29.06	Nuclear energy products
33.02	Basic nonferrous metals
40.05	Water supply and use
3 Polymer strippers	
36.10	Electronic components and accessories
4 Antifelting agents (textile technology)	
22.01	Yarn and fabrics
5 Bloom agents (fluorescence enhancement)	
29.02	Petroleum products
28.14.12	Petroleum product additives
6 Blasting abrasives	
32.09.01	Abrasive products
34.09.02	Etching and engraving (metal products)
7 Soil retardants (textile technology)	
22.01	Yarn and fabrics
22.03	Textile finishing and coating
22.03.02	Coating (coating textiles with plastics materials)
23	Apparel and other fabricated textile products
23.02.01	Carpets and rugs
23.02.02	Curtains and draperies
23.02.03	Bedding
25	Furniture and fixtures
8 Poison gas decontaminants	
29.06	Nuclear energy products
40.06.01	Air pollution control

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9 Rinse aids

28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.02	Sanitation goods
28.07.03.04	Laundry aids
70.01	Laundry and dry cleaning
70.11.03	Automobile washing, cleaning, and polishing

10 Sequestering agents

20.01	Food products
20.01	Food additives
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
40.05	Water supply and use

11 Rust removers

28.07.03.01	Polishing preparations
34.09.07	Surface cleaning and conditioning (metal products)
70.01	Laundry and dry cleaning
70.11.03	Automobile washing, cleaning, and polishing

12 Antifume agents (textile technology)

23.02.02	Curtains and draperies
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers

13 Tarnish removers

28.07.03.01	Polishing preparations

14 Soaping-off assistants (textile technology)

22.01	Yarn and fabrics

15 Viscosity index improvers

29.02	Petroleum products
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
80.01.05	Service stations and garages

16 Reaction media

28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
29.03.01.02	Synthetic liquid fuels from coal

17 Papermaking agents

21	Tobacco products
26.02	Paper

26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.02.05	Carbon paper and carbonless copy paper
39.04	Toys, games, and children's vehicles
39.06	Hobby, crafts, and art supplies

18 Currying agents (leather technology)

31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products

19 Catalyst supports

28.02	Organic chemicals
28.06	Drugs
29.01	Petroleum refinery processes
29.03.01.02	Synthetic liquid fuels from coal
40.06.01	Air pollution control

20 Fluorescent agents

26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.08	Paper wrapping products
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.04	Laundry aids
28.09	Resins, plastics, elastomers, and man-made fibers
29.02	Petroleum products
29.02.01.01	Gasoline
30.02	Plastics products
32.09.02.03	Asbestos textiles
36.10	Electronic components and accessories

21 Prevulcanization inhibitors (rubber technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products

22 Fluxing agents

15.03.03	Electrical work (building construction)
33.02	Basic nonferrous metals
34.01	Metal cans and shipping containers
34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.03	Brazing, welding, soldering, and adhesive bonding
36.02	Electrical industrial apparatus
37	Transportation equipment
70.12.03.01	Welding and brazing
80.02.02	Maintenance (buildings)

23 Waterproofing agents

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.07	Insulation (installation as part of building construction)
15.03.08	Carpentry (building construction)
15.03.14	Concrete work
22.03.02	Coating (coating textiles with plastics materials)
24.06	Wood preserving
26.05.01	Coated, laminated and treated paper products
28.08	Paints and allied products
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
32.03	Concrete products
32.09.02.06	Asbestos-cement products
37.03.02	Boat building
40.06.03	Solid waste treatment

24 Nucleating agents

28.09	Resins, plastics, elastomers, and man-made fibers
30.02	Plastics products
40.06.01	Air pollution control

25 Fire extinguishing agents

01.04	Forestry
01.04.03.01	Firefighting and prevention (forestry)
39.08.04	Fire extinguishers
40.01.03.02	Warehousing
70.17	Museums, art galleries, and botanical and zoological gardens
80.01.06	Warehouses
90.01.02	Fire protection

26 Dust control agents

28.07.03.03	Specialty cleaning preparations
40.01.03.02	Warehousing
40.06.01	Air pollution control
40.06.03	Solid waste treatment
70.09	Laboratories
80.01.06	Warehouses
80.02.01	Cleaning (buildings)

27 Incendiaries

28.11	Explosives and related products
34.07	Ordnance and accessories, except vehicles and guided missiles

28 Elasticizers

28.09	Resins, plastics, elastomers, and man-made fibers
30.01.01	Reclaimed rubber

30.02	Plastics products

29 Softeners

20.01	Food products
20.01	Food additives
26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.07	Industrial, household, and commercial absorbent paper products
26.05.08	Paper wrapping products
28.07.03.01	Polishing preparations
28.07.03.04	Laundry aids
28.07.04	Toilet preparations and cosmetics
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.01	Reclaimed rubber
30.01.05	Sponge and foam rubber goods
30.01.08	Rubber mechanical goods
30.02	Plastics products
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
32.09.02.03	Asbestos textiles
39.08.07	Furs
70.01	Laundry and dry cleaning

30 Depolymerization agents

30.01	Rubber products
30.01.01	Reclaimed rubber

31 Chain extenders (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers

32 Fume suppressants (electroplating)

34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)

33 Latex compounding agents

26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
28.08	Paints and allied products
30.01	Rubber products

34 Fertilizers

01.01	Crops
01.04	Forestry
28.10	Agricultural chemicals

70.17	Museums, art galleries, and botanical and zoological gardens

35 Well treating agents (petroleum production)

10.07.03	Well production / 10.03 Oil and gas

36 Ultraviolet absorbers

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.02	Plastics products

37 Metal treating agents

25	Furniture and fixtures
34.01	Metal cans and shipping containers
34.06	Cutlery, hand tools, and general hardware
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.02	Etching and engraving (metal products)
34.09.03	Brazing, welding, soldering, and adhesive bonding
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
70.12.03.01	Welding and brazing

38 Drainage aids (paper technology)

26.02	Paper
26.02.03	Packaging papers

39 Dye stripping agents

22.01	Yarn and fabrics

40 Tar removers

15.03.09	Flooring (installation as part of building construction)
70.11.03	Automobile washing, cleaning, and polishing

41 Antifloating agents

28.08	Paints and allied products
70.11.01	Automobile painting

42 Sealants

15.03.01	Plumbing, heating, and air conditioning (building construction)
15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.03	Electrical work (building construction)
15.03.07	Insulation (installation as part of building construction)
15.03.08	Carpentry (building construction)

15.03.09	Flooring (installation as part of building construction)
28.08	Paints and allied products
28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
29.05.01	Asphalt and tar paving products
35	Machinery
35.08.05	Service industry machinery n.e.c
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.03	Household appliances
36.04	Electric lighting and wiring equipment
36.05	Consumer electronics
36.06	Communication equipment
36.10	Electronic components and accessories
37	Transportation equipment
37.03.02	Boat building
37.06	Guided missiles, space vehicles and parts
70.11.01	Automobile painting
70.11.02	Automobile repair
70.11.03	Automobile washing, cleaning, and polishing
70.12.01.02	Refrigeration and air conditioning service and repair
80.01.05	Service stations and garages
80.02.02	Maintenance (buildings)

43 Prepolymers (polymer technology)

28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
38.04.03	Dental equipment and supplies
70.14	Medical services

44 Drilling mud additives (petroleum production)

10.07.03	Well production / 10.03 Oil and gas

45 Radioactivity decontaminants

29.06	Nuclear energy products
40.06.01	Air pollution control
40.06.02	Liquid waste treatment

46 Activators (chemical processes)

28.02	Organic chemicals
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products

47 Air entraining agents

15.03.14	Concrete work
30.01.05	Sponge and foam rubber goods
32.03	Concrete products
32.09.02.06	Asbestos-cement products

48 Anticreasing agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23	Apparel and other fabricated textile products

49 Descaling agents (metals)

34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)
70.12.03.01	Welding and brazing

50 Physical blowing agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
30.02	Plastics products

51 Scavengers

28.01	Inorganic chemicals
28.02	Organic chemicals
29.01	Petroleum refinery processes
29.02	Petroleum products
29.02.01.01	Gasoline
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
40.06.01	Air pollution control
40.06.02	Liquid waste treatment
80.01.05	Service stations and garages

52 Deodorants

01.03.01	Veterinary services
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.02	Sanitation goods
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
29.02	Petroleum products
70.11.03	Automobile washing, cleaning, and polishing

53 Leaching agents

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
29.06	Nuclear energy products
33.02	Basic nonferrous metals

54 Stabilizers

20.01	Food additives
26.02.02.01	Coated papers
26.02.03	Packaging papers
28.08	Paints and allied products
28.10	Agricultural chemicals
28.11	Explosives and related products
29.05.01	Asphalt and tar paving products
30.01	Rubber products

55 Phosphatizing agents (metals)

33.01	Basic iron and steel
34.01	Metal cans and shipping containers
34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.06	Metal coatings n.e.c

56 Flatting agents (surface coatings)

28.08	Paints and allied products

57 Enhanced oil recovery agents (petroleum production)

10.07.03	Well production / 10.03 Oil and gas

58 Weighting agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

59 Pickling agents (metal technology)

33.01	Basic iron and steel
34.03	Fabricated structural metal products
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c

60 Adsorbents

28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
29.06	Nuclear energy products
40.05	Water supply and use
40.06.01	Air pollution control
40.06.02	Liquid waste treatment

90.01.01	Police protection

61 Strippers

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.09	Flooring (installation as part of building construction)
28.08	Paints and allied products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)

62 Optical quenchers

26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products

63 Antiblocking agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods

64 Antiscaling agents (metals)

15.03.01	Plumbing, heating, and air conditioning (building construction)
33.01	Basic iron and steel
34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)

65 Hydraulic fluids

29.02	Petroleum products
29.02.06.02	Hydraulic and transmission oils
37.06	Guided missiles, space vehicles and parts
80.01.05	Service stations and garages

66 Feed additives (animal nutrition)

01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture
20.01	Food products
70.17	Museums, art galleries, and botanical and zoological gardens

67 Mar proofing agents (surface coatings)

28.08	Paints and allied products

68 Antisettling agents

20.01	Food products
28.08	Paints and allied products
70.11.01	Automobile painting

69 Indicators

28.01	Inorganic chemicals
28.02	Organic chemicals
40.05	Water supply and use
40.06.01	Air pollution control

70 Bluing agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
26.02	Paper
28.07.03.04	Laundry aids
70.01	Laundry and dry cleaning

71 Ripening agents (crops)

01.01	Crops
01.01.05	Vegetables
01.01.07	Fruits

72 Coolants

15.03.01	Plumbing, heating, and air conditioning (building construction)
29.02	Petroleum products
34.07	Ordnance and accessories, except vehicles and guided missiles
37.06	Guided missiles, space vehicles and parts
80.01.05	Service stations and garages

73 Dehydrating agents

10.07.03	Well production / 10.03 Oil and gas
15.03.01	Plumbing, heating, and air conditioning (building construction)

74 Deicers

29.02	Petroleum products
29.02.01.01	Gasoline
29.02.01.02	Jet fuel
37	Transportation equipment
80.01.05	Service stations and garages

75 Pitch control agents (wood pulping)

26.01	Pulp (paper and chemical grades)
26.02	Paper
26.02.03	Packaging papers

76 Antiknock agents (fuels)

29.02	Petroleum products
29.02.01.01	Gasoline
37	Transportation equipment

77 Antifreezes

37	Transportation equipment
80.01.05	Service stations and garages

78 Pre-spotting agents (drycleaning and laundering)

28.07.03.03	Specialty cleaning preparations
70.01	Laundry and dry cleaning

79 Flavors and fragrances

20.01	Food products
20.01	Food additives
21	Tobacco products
28.06	Drugs
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics

80 Sweeteners (taste)

20.01	Food products
20.01	Food additives
21	Tobacco products
28.06	Drugs
28.07.04	Toilet preparations and cosmetics

81 Deaerating agents

95	General processes

82 Dewaxing solvents (petroleum technology)

29.01	Petroleum refinery processes

83 Stains (microscopy)

01.03.01	Veterinary services
70.09	Laboratories

84 Delignification agents (wood pulping)

26.01	Pulp (paper and chemical grades)

85 Dechlorinating agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating

26.02	Paper
26.02.03	Packaging papers
40.06.01	Air pollution control
40.06.02	Liquid waste treatment

86 Coloring agents

20.01	Food products
20.01	Food additives
21	Tobacco products
28.08	Paints and allied products
32.01	Glass
32.01.01	Glass finishing
32.01.04	Glass containers
32.01.05	Glassware
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.02	Asbestos products
32.09.02.02	Asphalt and vinyl asbestos floor tile
39.04	Toys, games, and children's vehicles

87 Heat stabilizers

28.09	Resins, plastics, elastomers, and man-made fibers
28.11	Explosives and related products
30.01	Rubber products
30.01.08	Rubber mechanical goods
30.02	Plastics products
32.09.01	Abrasive products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
34.07	Ordnance and accessories, except vehicles and guided missiles

88 Bloom inhibitors (surface coatings)

28.08	Paints and allied products
70.11.01	Auto painting

89 Electroconductive coating agents

28.08	Paints and allied products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
36.10	Electronic components and accessories

90 Anticratering agents (surface coatings)

28.08	Paints and allied products
70.11.01	Automobile painting

91 Lachrymators

34.07	Ordnance and accessories, except vehicles and guided missiles

90.01.01	Police protection

92 Spreaders (plant applications)

01.01	Crops
28.10	Agricultural chemicals

93 Chemical raw materials

28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
28.09.04	Man-made fibers
28.11	Explosives and related products

94 Frothers

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
40.06.02	Liquid waste treatment
90.01.02	Fire protection

95 Metal strippers

34.09.01	Electroplating, plating, anodizing, and polishing (metal products)

96 Peptizing agents (colloids)

28	Chemicals and allied products

97 Decontaminants

01.03.01	Veterinary services
15.03.01	Plumbing, heating, and air conditioning (building construction)
29.06	Nuclear energy products
40.05	Water supply and use
40.06.01	Air pollution control
40.06.02	Liquid waste treatment
40.06.03	Solid waste treatment
70.09	Laboratories
80.01.06	Warehouses

98 Sizes

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
22.01	Yarn and fabrics
22.03	Textile finishing and coating
22.03.02	Coating (coating textiles with plastics materials)

23	Apparel and other fabricated textile products
23.02.01	Carpets and rugs
23.02.02	Curtains and draperies
23.02.03	Bedding
26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
28.07.03.04	Laundry aids
32.09.02	Asbestos products
32.09.02.03	Asbestos textiles

99 Antifogging agents (imaging systems)

38.06.04	Photographic film and sensitized plates (except X-ray)
38.06.05	Sensitized photographic paper and cloth (silver halide type)
38.06.06	Sensitized photographic paper and cloth (other than silver halide type)
38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying

100 Electron emission agents

36.10	Electronic components and accessories

101 Brazing agents (metals)

34.03	Fabricated structural metal products
34.09.03	Brazing, welding, soldering, and adhesive bonding
35	Machinery
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.02	Electrical industrial apparatus
70.12.03.01	Welding and brazing
80.02.02	Maintenance (buildings)

102 Delustrants (textile technology)

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers

103 Initiators (chemical technology)

28.02	Organic chemicals
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.01.05	Sponge and foam rubber goods

104 Abherents

30.01	Rubber products

105 Abrasives

10.07.02	Mine production / 10.01 Metallic ores
10.07.02	Mine production / 10.04 Nonmetallic minerals
26.01	Pulp (paper and chemical grades)
32.09.01	Abrasive products
33.02	Basic nonferrous metals
34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.02	Etching and engraving (metal products)
38.04.03	Dental equipment and supplies
70.11.01	Automobile painting
70.11.02	Automobile repair
70.11.03	Automobile washing, cleaning, and polishing
70.14	Medical services
80.01.05	Service stations and garages

106 Protective agents (textile processing)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

107 Deionizers

15.03.01	Plumbing, heating, and air conditioning (building construction)
40.05	Water supply and use
70.09	Laboratories

108 Biocides

01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture
10.07.03	Well production / 10.03 Oil and gas
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
26.01	Pulp (paper and chemical grades)
26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
28.07.03.02	Sanitation goods
28.10	Agricultural chemicals
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.01.02	Jet fuel
29.02.06.04	Metalworking oils
38.04.02	Medical appliances and supplies
40.06.02	Liquid waste treatment
70.14	Medical services
70.17	Museums, art galleries, and botanical and zoological gardens

109 Surfactants

10.07.03	Well production / 10.03 Oil and gas
10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.09	Flooring (installation as part of building construction)
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.02	Sanitation goods
28.07.03.03	Specialty cleaning preparations
28.07.03.04	Laundry aids
28.07.04	Toilet preparations and cosmetics
28.08.03.09	Ink vehicles
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.06.01	Lubricating oils
29.02.06.04	Metalworking oils
34.09.07	Surface cleaning and conditioning (metal products)
70.02	Beauty and barber shops
70.09	Laboratories
70.11.03	Automobile washing, cleaning, and polishing
80.01.05	Service stations and garages

110 Adhesion promoters

15.03.09	Flooring (installation as part of building construction)
28.08.03.02	Wood fillers and sealers
28.13	Adhesives
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
32.09.01	Abrasive products
34.09.03	Brazing, welding, soldering, and adhesive bonding
35	Machinery
37	Transportation equipment
70.11.04	Tire retreading and recapping

111 Pore forming agents

28.14.20.01	Catalysts

112 Fixing agents (textile technology)

22.03.01.02	Dyeing, textiles

113 Chain terminators (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.01	Rubber products

114 Coagulants

15.03.14	Concrete work
20.01	Food products
20.01	Food additives
40.06.02	Liquid waste treatment
70.09	Laboratories

115 Monomers (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.01	Rubber products
30.01.05	Sponge and foam rubber goods

116 Slime preventatives (paper technology)

26.02	Paper
26.02.03	Packaging papers

117 Fulling agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

118 Preservatives

15.03.07	Insulation (installation as part of building construction)
15.03.08	Carpentry (building construction)
20.01	Food products
20.01	Food additives
21	Tobacco products
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
24.06	Wood preserving
28.06	Drugs
28.08	Paints and allied products
28.08.03.02	Wood fillers and sealers
28.11	Explosives and related products
34.07	Ordnance and accessories, except vehicles and guided missiles
37.03.02	Boat building
38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying
70.09	Laboratories

119 Antiseize agents (lubricants)

29.02	Petroleum products
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.05	Lubricating greases

120 Antilivering agents (surface coatings)

28.08	Paints and allied products

121 Polymerization additives

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.01	Rubber products
30.01.05	Sponge and foam rubber goods

122 Chelating agents

28.06	Drugs
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
29.01	Petroleum refinery processes
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.06.01	Lubricating oils
70.09	Laboratories

123 Coupling agents (polymers)

28.09	Resins, plastics, elastomers, and man-made fibers
28.13	Adhesives
30.01	Rubber products
30.02	Plastics products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile

124 Complexing agents

70.09	Laboratories

125 Pigments

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.09	Flooring (installation as part of building construction)
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.08	Paper wrapping products
26.06.03	Food packaging and food service products (made of paper)
27.01	Printed products

27.02	Printing and related activities
28.07.03.01	Polishing preparations
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
28.08.03.08	Pigment dispersions
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
28.12	Inks
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
30.01.08	Rubber mechanical goods
30.02	Plastics products
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
32.01	Glass
32.01.04	Glass containers
32.01.05	Glassware
32.06	Structural clay products
32.07	Ceramics and related products
32.09.02	Asbestos products
39.06	Hobby, crafts, and art supplies
39.07.04	Inked ribbons
70.11.01	Automobile painting

126 Slime control agents (ore processing)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

127 Swelling agents

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.01	Reclaimed rubber

128 Opacifiers

26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.02	Plastics products

129 Antihydrolysis agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.02	Plastics products

30 Coating agents

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.09	Flooring (installation as part of building construction)
22.03.02	Coating (coating textiles with plastics materials)
23.02.01	Carpets and rugs
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
25	Furniture and fixtures
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.04.07	Asphalt and tar saturated building materials
26.05.01	Coated, laminated and treated paper products
26.05.02.05	Carbon paper and carbonless copy paper
26.05.08	Paper wrapping products
26.06.03	Food packaging and food service products (made of paper)
27.01	Printed products
27.02	Printing and related activities
28.07.03.01	Polishing preparations
28.07.03.04	Laundry aids
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.08.03.02	Wood fillers and sealers
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
32.01	Glass
32.01.01	Glass finishing
32.01.04	Glass containers
32.01.05	Glassware
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
34.01	Metal cans and shipping containers
34.02	Metal forgings and stampings (except containers formed by stamping)
34.03	Fabricated structural metal products
34.04	Screw machine products and fasteners
34.05	Heating equipment and plumbing fixtures
34.06	Cutlery, hand tools, and general hardware
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
35	Machinery
35.08.05	Service industry machinery n.e.c
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.01.02	Transformers

36.01.03	Switchgear and switchboard apparatus
36.03	Household appliances
37	Transportation equipment
37.03.02	Boat building
37.06	Guided missiles, space vehicles and parts
38.01	Engineering and scientific instruments
38.04.02	Medical appliances and supplies
38.04.03	Dental equipment and supplies
38.06.04	Photographic film and sensitized plates (except X-ray)
38.06.05	Sensitized photographic paper and cloth (silver halide type)
38.06.06	Sensitized photographic paper and cloth (other than silver halide type)
39.04	Toys, games, and children´s vehicles
39.06	Hobby, crafts, and art supplies
39.07.04	Inked ribbons
70.03	Shoe shining and repair
70.11.01	Automobile painting
70.11.03	Automobile washing, cleaning, and polishing
70.14	Medical services
80.02.02	Maintenance (buildings)

131 Absorbents

21	Tobacco products
28.11	Explosives and related products
29.01	Petroleum refinery processes
40.06.01	Air pollution control
40.06.03	Solid waste treatment

132 Bleaching agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
26.01	Pulp (paper and chemical grades)
26.01.08	Reclaimed paper pulp
26.02	Paper
26.02.03	Packaging papers
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.04	Laundry aids
40.05	Water supply and use
40.06.02	Liquid waste treatment
70.01	Laundry and dry cleaning
70.09	Laboratories
70.11.03	Automobile washing, cleaning, and polishing

33 Chemical blowing agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
30.02	Plastics products

134 Fixing agents (fragrances)

28.07.04	Toilet preparations and cosmetics

135 Viscosity adjustors

10.07.03	Well production / 10.03 Oil and gas
20.01	Food products
20.01	Food additives
26.02.02.01	Coated papers
26.02.03	Packaging papers
28.07.04	Toilet preparations and cosmetics
28.08.03.09	Ink vehicles
28.12	Inks
29.02	Petroleum products
70.11.01	Automobile painting

136 Retarders (chemical processes)

10.07.03	Well production / 10.03 Oil and gas
15.03.14	Concrete work
28.02	Organic chemicals
28.08.03.03	Paint and varnish removers
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods
32.03	Concrete products
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.02.06	Asbestos-cement products
38.06.07	Prepared photographic chemicals

137 Dehairing agents (leather technology)

31.01	Leather tanning and finishing

138 Sweeteners (petroleum technology)

10.07.03	Well production / 10.03 Oil and gas
29.01	Petroleum refinery processes
29.02	Petroleum products

139 Pearlizing agents

28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.09	Resins, plastics, elastomers, and man-made fibers
30.02	Plastics products

140 Disinfectants

01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture

15.03.01	Plumbing, heating, and air conditioning (building construction)
26.05.07	Industrial, household, and commercial absorbent paper products
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.02	Sanitation goods
28.07.03.03	Specialty cleaning preparations
38.04.02	Medical appliances and supplies
38.04.03	Dental equipment and supplies
40.05	Water supply and use
40.06.01	Air pollution control
40.06.02	Liquid waste treatment
40.06.03	Solid waste treatment
70.02	Beauty and barber shops
70.07	Disinfecting and exterminating services
70.09	Laboratories
70.11.03	Automobile washing, cleaning, and polishing
70.14	Medical services
80.01.05	Service stations and garages
80.01.06	Warehouses
80.02.01	Cleaning (buildings)
80.02.03	Disinfecting and exterminating (buildings)

141 Chain transfer agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.01	Rubber products

142 Fluid loss additives (petroleum production)

10.07.03	Well production / 10.03 Oil and gas

143 Binders

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.08	Carpentry (building construction)
15.03.09	Flooring (installation as part of building construction)
15.03.14	Concrete work
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.02.05	Carbon paper and carbonless copy paper
26.05.08	Paper wrapping products

27.01	Printed products
27.02	Printing and related activities
28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
28.08.03.09	Ink vehicles
28.11	Explosives and related products
28.12	Inks
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.01	Abrasive products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
32.09.02.03	Asbestos textiles
33.01.05	Iron and steel castings
36.02.04	Carbon and graphite products for electrical applications
39.07.04	Inked ribbons

144 Parting agents (molding)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods
30.02	Plastics products

145 Food additives

20.01	Food products
20.01	Food additives

146 Inorganic intermediates

28.01	Inorganic chemicals
28.06	Drugs
70.09	Laboratories

147 Water softeners

10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
15.03.01	Plumbing, heating, and air conditioning (building construction)
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
35	Machinery
35.08.05	Service industry machinery n.e.c
40.05	Water supply and use
70.01	Laundry and dry cleaning

148 Internal lubricating agents

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.02	Plastics products

149 Oxidizers

21	Tobacco products
28.01	Inorganic chemicals
28.02	Organic chemicals
28.11	Explosives and related products
29.03.01.02	Synthetic liquid fuels from coal
29.06	Nuclear energy products
33.01	Basic iron and steel
33.02	Basic nonferrous metals
34.07	Ordnance and accessories, except vehicles and guided missiles
34.09.02	Etching and engraving (metal products)
36.11.02	Primary batteries
40.05	Water supply and use
40.06.02	Liquid waste treatment
70.09	Laboratories

150 Dye carriers

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs
32.09.02.03	Asbestos textiles

151 Precipitating agents

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
26.05.01	Coated, laminated and treated paper products
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
29.06	Nuclear energy products
33.02	Basic nonferrous metals
40.06.02	Liquid waste treatment
70.09	Laboratories

152 Antiflooding agents (surface coatings)

28.08	Paints and allied products
70.11.01	Automobile painting

153 Refining agents (non-petroleum)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

154 Resists (imaging systems)

22.03.01.02	Dyeing, textiles

155 Insect attractants

01.01	Crops

01.04	Forestry
01.04.03.02	Forest pest control
28.10	Agricultural chemicals

156 Leather processing agents

31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products

157 Enzymes

20.01	Food products
20.01	Food additives
28.06	Drugs
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
31.01	Leather tanning and finishing
70.09	Laboratories

158 Explosives

10.07.02	Mine production / 10.01 Metallic ores
10.07.02	Mine production / 10.04 Nonmetallic minerals
28.11	Explosives and related products
34.07	Ordnance and accessories, except vehicles and guided missiles

159 Emulsifiers

10.07.03	Well production / 10.03 Oil and gas
20.01	Food products
20.01	Food additives
21	Tobacco products
26.04.07	Asphalt and tar saturated building materials
26.05.01	Coated, laminated and treated paper products
28.02	Organic chemicals
28.07.03.01	Polishing preparations
28.07.04	Toilet preparations and cosmetics
28.08.03.09	Ink vehicles
28.09	Resins, plastics, elastomers, and man-made fibers
28.12	Inks
29.02	Petroleum products
29.02.01.02	Jet fuel
29.02.06.04	Metalworking oils
29.05.01	Asphalt and tar paving products
40.06.02	Liquid waste treatment

160 Antisagging agents (surface coatings)

28.08	Paints and allied products
70.11.01	Automobile painting

161 Electrical conductive agents

15.03.03	Electrical work (building construction)
35	Machinery

35.08.05	Service industry machinery n.e.c
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.01	Electric power equipment
36.01.02	Transformers
36.01.03	Switchgear and switchboard apparatus
36.02	Electrical industrial apparatus
36.02.04	Carbon and graphite products for electrical applications
36.04	Electric lighting and wiring equipment
36.05	Consumer electronics
36.06	Communication equipment
36.10	Electronic components and accessories
36.11.01	Storage batteries
36.11.02	Primary batteries
37	Transportation equipment
37.03.02	Boat building

162 Insulating materials

15.03.01	Plumbing, heating, and air conditioning (building construction)
15.03.03	Electrical work (building construction)
15.03.07	Insulation (installation as part of building construction)
32.09.02	Asbestos products
34.07	Ordnance and accessories, except vehicles and guided missiles
70.11.02	Automobile repair
70.12.01.02	Refrigeration and air conditioning service and repair
80.02.02	Maintenance (buildings)

163 Activators (ore processing)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

164 Carriers (chemical processing)

28.01	Inorganic chemicals
28.02	Organic chemicals

165 Stickers

01.01	Crops
28.10	Agricultural chemicals

166 Animal repellents

01.01	Crops
01.04	Forestry
01.04.03.02	Forest pest control
28.10	Agricultural chemicals
80.01.06	Warehouses

167 Cosmetic ingredients

28.07.04	Toilet preparations and cosmetics
70.02	Beauty and barber shops

168 Antiozonants

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods

169 Plating agents

25	Furniture and fixtures
34.03	Fabricated structural metal products
34.04	Screw machine products and fasteners
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.05	Galvanizing and other hot dip coatings (metal products)
70.14	Medical services

170 Catalysts

26.04.07	Asphalt and tar saturated building materials
26.05.01	Coated, laminated and treated paper products
28.02	Organic chemicals
28.06	Drugs
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
29.01	Petroleum refinery processes
29.02	Petroleum products
29.03.01.02	Synthetic liquid fuels from coal
30.01	Rubber products
33.01	Basic iron and steel
40.06.01	Air pollution control
70.09	Laboratories

171 Kier boiling assistants (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

172 Laundry sours

28.07.03.04	Laundry aids

173 Detergents

01.02	Livestock production, dairy farming, and related products
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.02	Sanitation goods
28.07.03.03	Specialty cleaning preparations

28.07.04	Toilet preparations and cosmetics
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
34.09.07	Surface cleaning and conditioning (metal products)
70.01	Laundry and dry cleaning
70.07	Disinfecting and exterminating services
70.09	Laboratories
70.11.03	Automobile washing, cleaning, and polishing
80.01.05	Service stations and garages

174 Coupling agents (dyes)

22.03.01.02	Dyeing, textiles

175 Wet strength additives (paper technology)

26.02	Paper
26.02.03	Packaging papers
26.05.07	Industrial, household, and commercial absorbent paper products

176 Plastics additives

28.09	Resins, plastics, elastomers, and man-made fibers
30.02	Plastics products
36.04	Electric lighting and wiring equipment
39.04	Toys, games, and children's vehicles
39.06	Hobby, crafts, and art supplies

177 Antiprecipitants

70.09	Laboratories

178 Aerosol propellents

20.01	Food products
28.07.03.01	Polishing preparations
28.07.03.03	Specialty cleaning preparations
28.07.03.04	Laundry aids
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
80.01.05	Service stations and garages

179 Detonators

10.07.02	Mine production / 10.01 Metallic ores
10.07.02	Mine production / 10.04 Nonmetallic minerals
28.11	Explosives and related products
34.07	Ordnance and accessories, except vehicles and guided missiles

180 Boil-off assistants (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

181 Impact modifiers (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.02	Plastics products
32.09.01	Abrasive products

182 Developers (image formation)

38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying

183 Deposit modifiers (fuels)

29.02	Petroleum products
29.02.01.01	Gasoline

184 Grinding, lapping, sanding and polishing abrasives

15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.08	Carpentry (building construction)
15.03.09	Flooring (installation as part of building construction)
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
25	Furniture and fixtures
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
32.01.01	Glass finishing
32.01.04	Glass containers
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.01	Abrasive products
34.09.04	Machining
35	Machinery
37	Transportation equipment
37.03.02	Boat building

185 Plasticizers (polymer technology)

25	Furniture and fixtures
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
28.07.04	Toilet preparations and cosmetics

28.08	Paints and allied products
28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
28.08.03.09	Ink vehicles
28.09	Resins, plastics, elastomers, and man-made fibers
28.12	Inks
30.01	Rubber products
30.02	Plastics products
32.09.02	Asbestos products
32.09.02.02	Asphalt and vinyl asbestos floor tile

186 Encapsulating agents

20.01	Food products
20.01	Food additives
26.05.02.05	Carbon paper and carbonless copy paper
28.06	Drugs
70.09	Laboratories

187 Rubber for shaping

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.01	Reclaimed rubber
30.01.05	Sponge and foam rubber goods
30.01.08	Rubber mechanical goods

188 Anticaking agents

01.01	Crops
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
28.10	Agricultural chemicals

189 Rubbing fastness agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

190 Flocculating agents

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
40.06.02	Liquid waste treatment

191 pH indicators

28.01	Inorganic chemicals
28.02	Organic chemicals
40.05	Water supply and use
70.09	Laboratories

192 Hormones

01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services

28.06	Drugs

193 Greaseproofing agents

26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.06.03	Food packaging and food service products (made of paper)
31.01	Leather tanning and finishing

194 Antiwebbing agents (latex technology)

30.01	Rubber products

195 Lubricant additives

29.02	Petroleum products
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
29.02.06.05	Lubricating greases
34.04	Screw machine products and fasteners
34.09.04	Machining
35	Machinery
37	Transportation equipment
37.03.02	Boat building
80.01.05	Service stations and garages

196 Activators (luminescence)

36.10.02	Cathode ray tubes

197 Oil repellents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs
26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
31.01	Leather tanning and finishing

198 Desensitizers (explosives)

28.11	Explosives and related products
34.07	Ordnance and accessories, except vehicles and guided missiles

199 Heat transfer agents

15.03.01	Plumbing, heating, and air conditioning (building construction)
29.01	Petroleum refinery processes
29.06	Nuclear energy products

36.01	Electric power equipment
36.01.02	Transformers

200 Denaturants

28.08.03.03	Paint and varnish removers

201 Rubber reclaiming agents

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.01	Reclaimed rubber

202 Semiconductors (electronics technology)

36.05	Consumer electronics
36.06	Communication equipment
36.10	Electronic components and accessories
38.01	Engineering and scientific instruments

203 Phosphorescent agents

36.05	Consumer electronics
36.06	Communication equipment

204 Ablatives

37.06	Guided missiles, space vehicles and parts

205 Dewatering aids

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
26.01	Pulp (paper and chemical grades)
26.01.08	Reclaimed paper pulp
26.02	Paper
26.02.03	Packaging papers

206 Antistaining agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23	Apparel and other fabricated textile products
23.02.01	Carpets and rugs
37	Transportation equipment

207 Fiber forming compounds

28.09	Resins, plastics, elastomers, and man-made fiber
28.09.04	Man-made fibers
32.09.02.03	Asbestos textiles

208 Refrigerants

15.03.01	Plumbing, heating, and air conditioning (building construction)
20.01	Food additives

35	Machinery
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.03	Household appliances
70.12.01.02	Refrigeration and air conditioning service and repair

209 Polymerization inhibitors

28.02	Organic chemicals
30.01	Rubber products

210 Hydrotropic agents

28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics

211 Dye retention aids

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs

212 Fillers (patching)

15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.07	Insulation (installation as part of building construction)
15.03.08	Carpentry (building construction)
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
25	Furniture and fixtures
28.08	Paints and allied products
28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
70.11.01	Automobile painting
70.11.02	Automobile repair
80.02.02	Maintenance (buildings)

213 Dehumidifiers

15.03.01	Plumbing, heating, and air conditioning (building construction)
34.07	Ordnance and accessories, except vehicles and guided missiles

214 Acidulants (foods and beverages)

20.01	Food products
20.01	Food additives

215 Culture nutrients

70.09	Laboratories

216 Quenchers (metallurgy)

33.01	Basic iron and steel
34.09.03	Brazing, welding, soldering, and adhesive bonding

217 Pickling inhibitors (metal treating)

33.01	Basic iron and steel
34.03	Fabricated structural metal products
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)

218 Antipilling agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

219 Refractive index modifiers

38.03	Optical instruments

220 Bright dips (metal treating)

34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)

221 Gelling agents

20.01	Food products
20.01	Food additives
24.06	Wood preserving
28.06	Drugs
28.07.04	Toilet preparations and cosmetics
28.08.03.09	Ink vehicles
28.11	Explosives and related products
28.12	Inks
29.02	Petroleum products
29.02.01.02	Jet fuel
29.02.06.05	Lubricating greases

222 Carbonizing agents (textile technology)

22	Textiles and textile finishing

223 Repulping aids (paper technology)

26.01.08	Reclaimed paper pulp
26.02	Paper

224 Plastics for shaping

25	Furniture and fixtures
28.09	Resins, plastics, elastomers, and man-made fibers
30.02	Plastics products
38.04.03	Dental equipment and supplies
38.06.04	Photographic film and sensitized plates (except X-ray)
70.14	Medical services

225 Toners (coloring)

26.05.02.05	Carbon paper and carbonless copy paper
27.01	Printed products
27.02	Printing and related activities
28.12	Inks
36.08.04	Office copiers and duplicating machines
70.06.03	Photocopying

226 Curing agents (concrete)

10.07.03	Well production / 10.03 Oil and gas
15.03.14	Concrete work
32.03	Concrete products
32.09.02.06	Asbestos-cement products

227 Mordants (textile technology)

22.03.01.02	Dyeing, textiles

228 Crosslinking agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
30.02	Plastics products

229 Degreasers

31.01	Leather tanning and finishing
34.01	Metal cans and shipping containers
34.04	Screw machine products and fasteners
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.02	Etching and engraving (metal products)
34.09.03	Brazing, welding, soldering, and adhesive bonding
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)
70.11.02	Automobile repair

70.11.03	Automobile washing, cleaning, and polishing
80.01.05	Service stations and garages

230 Antioxidants

20.01	Food products
20.01	Food additives
28.08	Paints and allied products
28.08.03.09	Ink vehicles
28.09	Resins, plastics, elastomers, and man-made fibers
28.12	Inks
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.01.02	Jet fuel
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
29.02.06.05	Lubricating greases
30.01	Rubber products
30.01.08	Rubber mechanical goods
30.02	Plastics products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials

231 Devulcanizing agents (rubber technology)

30.01	Rubber products
30.01.01	Reclaimed rubber

232 Demulsifiers

10.07.03	Well production / 10.03 Oil and gas
29.01	Petroleum refinery processes
29.02	Petroleum products

233 Dusting agents (rubber technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods

234 Antifogging agents (moisture condensation)

38.05	Ophthalmic goods

235 Mercerizing assistants (textile technology)

22	Textiles and textile finishing

236 Deasphalting agents

29.01	Petroleum refinery processes

237 Obscuring agents (chemical smokes)

34.07	Ordnance and accessories, except vehicles and guided missiles
90.01.01	Police protection

238 Analytical and product testing agents

28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
39.06	Hobby, crafts, and art supplies
40.05	Water supply and use
40.06.01	Air pollution control
40.06.02	Liquid waste treatment
70.09	Laboratories

239 Activators (enzymes)

95.01	Chemical processes

240 Turbulence suppressors

40.01.06	Pipelines

241 Refractories

15.03.01	Plumbing, heating, and air conditioning (building construction)
29.01	Petroleum refinery processes
29.06	Nuclear energy products
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
34.05	Heating equipment and plumbing fixtures

242 Cleaners

01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture
28.07.03.01	Polishing preparations
28.07.03.02	Sanitation goods
32.01.01	Glass finishing
32.01.04	Glass containers
32.01.05	Glassware
34.09.07	Surface cleaning and conditioning (metal products)
38.04.02	Medical appliances and supplies
38.04.03	Dental equipment and supplies
40.01.03.02	Warehousing
40.06.03	Solid waste treatment
70.01	Laundry and dry cleaning
70.02	Beauty and barber shops
70.03	Shoe shining and repair
70.07	Disinfecting and exterminating services
70.11.02	Automobile repair
70.11.03	Automobile washing, cleaning, and polishing
70.14	Medical services
70.17	Museums, art galleries, and botanical and zoological gardens

80.01.06	Warehouses
80.02.01	Cleaning (buildings)

243 Wetting agent

28.08	Paints and allied products
70.11.03	Automobile washing, cleaning, and polishing

244 Reducers (chemical technology)

28.01	Inorganic chemicals
28.02	Organic chemicals
29.03.01.02	Synthetic liquid fuels from coal
29.06	Nuclear energy products
33.01	Basic iron and steel
33.02	Basic nonferrous metals
36.11.02	Primary batteries
70.09	Laboratories

245 Electrolytes

10.07.04	Ore beneficiation / 10.01 Metallic ores
28.01	Inorganic chemicals
33.02	Basic nonferrous metals
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.02	Etching and engraving (metal products)
36.11.01	Storage batteries
36.11.02	Primary batteries
70.09	Laboratories

246 Humidity indicators

15.03.01	Plumbing, heating, and air conditioning (building construction)
70.09	Laboratories

247 Fuels

29.02	Petroleum products
29.02.01.01	Gasoline
29.06	Nuclear energy products
34.05	Heating equipment and plumbing fixtures
35	Machinery
36.01	Electric power equipment
37	Transportation equipment
37.06	Guided missiles, space vehicles and parts
80.01.05	Service stations and garages

248 Lakes (coloring)

28.12	Inks

249 Penetrants

24.06	Wood preserving
26.02	Paper
26.04.07	Asphalt and tar saturated building materials
28.07.03.01	Polishing preparations
29.02	Petroleum products
29.02.06.04	Metalworking oils
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
32.09.02.03	Asbestos textiles
80.01.05	Service stations and garages

250 Reinforcing agents

15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.07	Insulation (installation as part of building construction)
24.03	Formed wood
26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.08	Paper wrapping products
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods
30.02	Plastics products
32.03	Concrete products
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
32.09.02.06	Asbestos-cement products

251 Plant growth regulators

01.01	Crops
28.10	Agricultural chemicals

252 Nematocides

01.01	Crops
28.10	Agricultural chemicals

253 Pesticides

01.01	Crops
01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.04	Forestry
01.04.03.02	Forest pest control

24.06	Wood preserving
28.10	Agricultural chemicals
70.07	Disinfecting and exterminating services
70.17	Museums, art galleries, and botanical and zoological gardens
80.02.03	Disinfecting and exterminating (buildings)

254 Acoustical insulating materials

15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.07	Insulation (installation as part of building construction)
35	Machinery
36.03	Household appliances
37	Transportation equipment

255 Dye leveling agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs
32.09.02.03	Asbestos textiles

256 Transmission fluids

29.02	Petroleum products
29.02.06.02	Hydraulic and transmission oils
80.01.05	Service stations and garages

257 Vat printing assistants (textile technology)

22.01	Yarn and fabrics

258 Water repellents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
22.03.02	Coating (coating textiles with plastics materials)
23	Apparel and other fabricated textile products
23.02.02	Curtains and draperies
24.03.01	Plywood and veneer
24.03.03	Composition board
24.06	Wood preserving
26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
38.04.02	Medical appliances and supplies
70.11.03	Automobile washing, cleaning, and polishing

259 Dispersants

10.07.03	Well production / 10.03 Oil and gas
10.07.04	Ore beneficiation / 10.01 Metallic ores

10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.02.05	Carbon paper and carbonless copy paper
28.08.03.01	Sealants
28.08.03.08	Pigment dispersions
28.08.03.09	Ink vehicles
28.12	Inks
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
70.11.01	Automobile painting

260 Cloud point depressants

29.02	Petroleum products

261 Shrinkage controllers (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

262 Pour point depressants (lubricants)

29.02	Petroleum products
29.02.01.01	Gasoline
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils

263 Scrooping agents (textile technology)

22	Textiles and textile finishing

264 Rodenticides

01.01	Crops
28.10	Agricultural chemicals
70.07	Disinfecting and exterminating services
80.01.06	Warehouses

265 Emollients

01.03.01	Veterinary services
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
31.01	Leather tanning and finishing

266 pH control agents

10.07.03	Well production / 10.03 Oil and gas

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
20.01	Food products
20.01	Food additives
26.02	Paper
26.02.03	Packaging papers
28.01	Inorganic chemicals
28.02	Organic chemicals
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
29.05.01	Asphalt and tar paving products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying
70.09	Laboratories

267 Dyes

20.01	Food products
20.01	Food additives
22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs
26.02	Paper
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.05.02.05	Carbon paper and carbonless copy paper
26.05.08	Paper wrapping products
27.01	Printed products
27.02	Printing and related activities
28.06	Drugs
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.03	Specialty cleaning preparations
28.07.03.04	Laundry aids
28.07.04	Toilet preparations and cosmetics
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
28.12	Inks
29.02	Petroleum products
29.02.01.01	Gasoline
30.02	Plastics products
31.01	Leather tanning and finishing
31.03	Leather products and related non-leather products
32.09.02.03	Asbestos textiles
36.08.04	Office copiers and duplicating machines
38.06.04	Photographic film and sensitized plates (except X-ray)

39.06	Hobby, crafts, and art supplies
39.07.04	Inked ribbons
39.08.07	Furs

268 Barrier coating agents

26.02.02.01	Coated papers
26.02.03	Packaging papers
26.05.01	Coated, laminated and treated paper products
26.06.03	Food packaging and food service products (made of paper)
28.08	Paints and allied products

269 Bates (leather technology)

31.01	Leather tanning and finishing

270 Fumigants

01.01	Crops
01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
28.10	Agricultural chemicals
40.01.03.02	Warehousing
70.07	Disinfecting and exterminating services
80.01.06	Warehouses

271 Solvents

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.09	Flooring (installation as part of building construction)
22.03.02	Coating (coating textiles with plastics materials)
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
24.06	Wood preserving
26.04.07	Asphalt and tar saturated building materials
26.05.01	Coated, laminated and treated paper products
26.05.02.05	Carbon paper and carbonless copy paper
27.01	Printed products
27.02	Printing and related activities
28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
28.07.03.01	Polishing preparations
28.07.03.02	Sanitation goods
28.07.03.03	Specialty cleaning preparations
28.07.03.04	Laundry aids
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products

28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
28.08.03.03	Paint and varnish removers
28.08.03.08	Pigment dispersions
28.08.03.09	Ink vehicles
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
28.10	Agricultural chemicals
28.12	Inks
28.13	Adhesives
29.01	Petroleum refinery processes
29.03.01.02	Synthetic liquid fuels from coal
29.05.01	Asphalt and tar paving products
29.06	Nuclear energy products
30.01	Rubber products
30.01.01	Reclaimed rubber
30.01.05	Sponge and foam rubber goods
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
33.01	Basic iron and steel
33.02	Basic nonferrous metals
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.03	Brazing, welding, soldering, and adhesive bonding
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)
35	Machinery
36.08.04	Office copiers and duplicating machines
37	Transportation equipment
37.03.02	Boat building
39.07.04	Inked ribbons
40.06.01	Air pollution control
70.01	Laundry and dry cleaning
70.03	Shoe shining and repair
70.06.02	Photofinishing
70.09	Laboratories
70.11.01	Automobile painting
70.11.02	Automobile repair
70.11.03	Automobile washing, cleaning, and polishing
70.11.04	Tire retreading and recapping
70.14	Medical services
80.01.05	Service stations and garages

272 Thickeners

20.01	Food products
20.01	Food additives
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.08.03.01	Sealants

28.13	Adhesives
29.02.06.05	Lubricating greases

273 Wax strippers

28.07.03.03	Specialty cleaning preparations

274 Scouring agents (textile technology)

22	Textiles and textile finishing

275 Herbicides

01.01	Crops
01.04	Forestry
01.04.03.01	Firefighting and prevention (forestry)
01.04.03.02	Forest pest control
28.10	Agricultural chemicals
34.07	Ordnance and accessories, except vehicles and guided missiles

276 Rust inhibitors

15.03.01	Plumbing, heating, and air conditioning (building construction)
15.03.14	Concrete work
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
29.02.06.05	Lubricating greases
34.03	Fabricated structural metal products
34.04	Screw machine products and fasteners
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)
35	Machinery
37	Transportation equipment
37.03.02	Boat building
70.11.03	Automobile washing, cleaning, and polishing
80.01.05	Service stations and garages

277 Anticracking agents (rubber technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods

278 Coalescents

15.03.01	Plumbing, heating, and air conditioning (building construction)
40.06.02	Liquid waste treatment

279 Textile specialties

39.04	Toys, games, and children's vehicles

39.06	Hobby, crafts, and art supplies
39.07.04	Inked ribbons

280 Tackifiers

28.13	Adhesives
30.01	Rubber products

281 Builders (soap and detergent technology)

28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
70.11.03	Automobile washing, cleaning, and polishing

282 Antiplasticizers (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01.08	Rubber mechanical goods
30.02	Plastics products

283 Collectors (ore processing)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

284 Finishing agents (textile technology)

22	Textiles and textile finishing

285 Light stabilizers

28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
30.01	Rubber products
30.02	Plastics products

286 Intensifiers (photography)

38.06.04	Photographic film and sensitized plates (except X-ray)
38.06.05	Sensitized photographic paper and cloth (silver halide type)
38.06.06	Sensitized photographic paper and cloth (other than silver halide type)
38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying

287 Algicides

01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture
40.05	Water supply and use
40.06.02	Liquid waste treatment

288 Vulcanizing agents (rubber technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.08	Rubber mechanical goods

289 Metal conditioners

34.03	Fabricated structural metal products
34.09.01	Electroplating, plating, anodizing, and polishing (metal products)
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)

290 Organic intermediates

28.02	Organic chemicals
28.06	Drugs
28.11	Explosives and related products
70.09	Laboratories

291 Anticrock agents (dye technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating
32.09.02.03	Asbestos textiles

292 Desizing agents

26.01.08	Reclaimed paper pulp
31.01	Leather tanning and finishing

293 Antiredeposition agents

28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers

294 Soil release agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23	Apparel and other fabricated textile products
23.02.03	Bedding

295 Fixatives (photography)

38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying

296 Retention aids (paper technology)

26.02	Paper
26.02.03	Packaging papers

297 Flotation agents (ore processing)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

298 Clarifiers

10.07.03	Well production / 10.03 Oil and gas
20.01	Food products
20.01	Food additives
40.05	Water supply and use

299 Desensitizers (photography)

38.06.04	Photographic film and sensitized plates (except X-ray)
38.06.05	Sensitized photographic paper and cloth (silver halide type)
38.06.06	Sensitized photographic paper and cloth (other than silver halide type)
70.06.03	Photocopying

300 Detackifiers

30.01	Rubber products
30.01.01	Reclaimed rubber

301 Antiperspirants

28.07.04	Toilet preparations and cosmetics

302 Adhesives

15.03.01	Plumbing, heating, and air conditioning (building construction)
15.03.02	Painting, paperhanging, and decorating (building construction)
15.03.03	Electrical work (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.07	Insulation (installation as part of building construction)
15.03.09	Flooring (installation as part of building construction)
21	Tobacco products
22.03.02	Coating (coating textiles with plastics materials)
23.02.01	Carpets and rugs
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
25	Furniture and fixtures
26.02.02.01	Coated papers
26.05.01	Coated, laminated and treated paper products
26.06.03	Food packaging and food service products (made of paper)
27.01	Printed products

27.02	Printing and related activities
28.13	Adhesives
30.01	Rubber products
30.01.05	Sponge and foam rubber goods
31.03	Leather products and related non-leather products
32.01	Glass
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.01	Abrasive products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
34.09.03	Brazing, welding, soldering, and adhesive bonding
35	Machinery
35.09	Refrigeration, air conditioning, and warm air heating equipment
37	Transportation equipment
37.03.02	Boat building
37.06	Guided missiles, space vehicles and parts
70.03	Shoe shining and repair
70.11.02	Automobile repair
70.11.04	Tire retreading and recapping
80.01.05	Service stations and garages
80.02.02	Maintenance (buildings)

303 Sensitizers (photochemistry)

38.06.04	Photographic film and sensitized plates (except X-ray)
38.06.05	Sensitized photographic paper and cloth (silver halide type)
38.06.06	Sensitized photographic paper and cloth (other than silver halide type)
70.06.03	Photocopying

304 Bleaching assistants

22	Textiles and textile finishing

305 Soil conditioners

01.01	Crops
01.04	Forestry
28.10	Agricultural chemicals

306 Fuel additives

29.02	Petroleum products
29.02.01.01	Gasoline
29.02.01.02	Jet fuel
29.03.01.02	Synthetic liquid fuels from coal
36.01	Electric power equipment
37	Transportation equipment
37.03.02	Boat building

80.01.05	Service stations and garages

307 Dye retardants

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs

308 Entraining agents

28.02	Organic chemicals
29.01	Petroleum refinery processes

309 Deblooming agents

29.01	Petroleum refinery processes
29.02	Petroleum products

310 Weighting agents (petroleum technology)

10.07.03	Well production / 10.03 Oil and gas

311 Electrical insulating materials

15.03.03	Electrical work (building construction)
15.03.07	Insulation (installation as part of building construction)
34.07	Ordnance and accessories, except vehicles and guided missiles
35	Machinery
35.08.05	Service industry machinery n.e.c
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.01	Electric power equipment
36.01.02	Transformers
36.01.03	Switchgear and switchboard apparatus
36.02	Electrical industrial apparatus
36.03	Household appliances
36.04	Electric lighting and wiring equipment
36.05	Consumer electronics
36.06	Communication equipment
36.10	Electronic components and accessories
36.11.01	Storage batteries
36.11.02	Primary batteries
37	Transportation equipment
37.03.02	Boat building
37.06	Guided missiles, space vehicles and parts

312 Slip agents (plastics technology)

28.09	Resins, plastics, elastomers, and man-made fibers
30.02	Plastics products

313 Functional fluids

29.02.06.02	Hydraulic and transmission oils

36.01.02	Transformers
36.01.03	Switchgear and switchboard apparatus
36.02	Electrical industrial apparatus
37.06	Guided missiles, space vehicles and parts
38.01	Engineering and scientific instruments

314 Heat insulating materials

15.03.01	Plumbing, heating, and air conditioning (building construction)
15.03.03	Electrical work (building construction)
15.03.07	Insulation (installation as part of building construction)
28.11	Explosives and related products
29.01	Petroleum refinery processes
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
34.05	Heating equipment and plumbing fixtures
35	Machinery
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.01	Electric power equipment
36.03	Household appliances
37	Transportation equipment
37.03.02	Boat building
37.06	Guided missiles, space vehicles and parts

315 Crabbing assistants (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

316 Tanning agents (leather technology)

31.01	Leather tanning and finishing
39.08.07	Furs

317 Driers

15.03.02	Painting, paperhanging, and decorating (building construction)
27.01	Printed products
27.02	Printing and related activities
28.08	Paints and allied products
28.08.03.01	Sealants
28.08.03.02	Wood fillers and sealers
28.08.03.08	Pigment dispersions
28.08.03.09	Ink vehicles
28.12	Inks
39.07.04	Inked ribbons

318 Humectants

15.03.01	Plumbing, heating, and air conditioning (building construction)

20.01	Food products
20.01	Food additives
21	Tobacco products
26.02.02.01	Coated papers
26.02.03	Packaging papers
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
28.08.03.09	Ink vehicles
28.12	Inks

319 Etching agents

32.01	Glass
32.01.01	Glass finishing
32.01.05	Glassware
34.09.02	Etching and engraving (metal products)

320 Paint and varnish removers

15.03.02	Painting, paperhanging, and decorating (building construction)
25	Furniture and fixtures
28.08	Paints and allied products
28.08.03.03	Paint and varnish removers
29.02.06.01	Lubricating oils

321 Accelerators

10.07.03	Well production / 10.03 Oil and gas
15.03.14	Concrete work
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
32.03	Concrete products
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.02.06	Asbestos-cement products
38.06.07	Prepared photographic chemicals
70.06.02	Photofinishing
70.06.03	Photocopying

322 Dry strength additives (paper technology)

26.02	Paper
26.02.03	Packaging papers
26.05.07	Industrial, household, and commercial absorbent paper products
26.05.08	Paper wrapping products

323 Corrosion inhibitors

10.07.03	Well production / 10.03 Oil and gas
15.03.01	Plumbing, heating, and air conditioning (building construction)
28.08	Paints and allied products

28.09	Resins, plastics, elastomers, and man-made fibers
29.01	Petroleum refinery processes
29.02	Petroleum products
29.02.01.01	Gasoline
29.02.01.02	Jet fuel
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils
29.02.06.04	Metalworking oils
29.02.06.05	Lubricating greases
30.02	Plastics products
33.01	Basic iron and steel
34.01	Metal cans and shipping containers
34.03	Fabricated structural metal products
34.09.05	Galvanizing and other hot dip coatings (metal products)
34.09.06	Metal coatings n.e.c
34.09.07	Surface cleaning and conditioning (metal products)
70.11.01	Automobile painting
70.11.03	Automobile washing, cleaning, and polishing

324 Case-hardening agents (metal treating)

34.09	Metal processing
28.14.06	Metal treating compounds
33.01	Basic iron and steel

325 Oxidation-reduction indicators

28.01	Inorganic chemicals
28.02	Organic chemicals
70.09	Laboratories

326 Solubilizing agents

28.06	Drugs
28.08.03.09	Ink vehicles
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
28.12	Inks

327 Milling aids

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

328 Antistatic agents

22.01	Yarn and fabrics
22.03	Textile finishing and coating
23.02.01	Carpets and rugs
28.07.03.04	Laundry aids
28.08	Paints and allied products
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
29.02.01.01	Gasoline

30.01	Rubber products
30.01.08	Rubber mechanical goods
30.02	Plastics products
40.06.01	Air pollution control
70.09	Laboratories

329 Antifouling agents (petroleum products)

29.02	Petroleum products
29.02.01.01	Gasoline
29.02.01.02	Jet fuel
29.02.06.01	Lubricating oils

330 Insecticides

01.01	Crops
01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.04	Forestry
01.04.03.02	Forest pest control
24.06	Wood preserving
28.10	Agricultural chemicals
70.07	Disinfecting and exterminating services
80.01.06	Warehouses

331 Fuel oxidizers

28.11	Explosives and related products
29.02	Petroleum products
37.06	Guided missiles, space vehicles and parts

332 Flame retardants

01.04	Forestry
01.04.03.01	Firefighting and prevention (forestry)
15.03.03	Electrical work (building construction)
15.03.05	Plastering, dry wall, and acoustical work (building construction)
15.03.07	Insulation (installation as part of building construction)
22.01	Yarn and fabrics
22.03	Textile finishing and coating
23	Apparel and other fabricated textile products
23.02.01	Carpets and rugs
23.02.02	Curtains and draperies
23.02.03	Bedding
24.03	Formed wood
24.03.01	Plywood and veneer
24.03.03	Composition board
24.06	Wood preserving
25	Furniture and fixtures
26.04.06	Cellulose insulation (loose fill)
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers

29.02.01.02	Jet fuel
30.01.08	Rubber mechanical goods
30.02	Plastics products
32.09.02	Asbestos products

333 Bactericides

01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture
10.07.03	Well production / 10.03 Oil and gas
10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
15.03.01	Plumbing, heating, and air conditioning (building construction)
28.07.03.02	Sanitation goods
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.10	Agricultural chemicals
29.02	Petroleum products
40.05	Water supply and use
40.06.02	Liquid waste treatment
70.07	Disinfecting and exterminating services

334 Thixotropic agents

28.08	Paints and allied products
28.08.03.01	Sealants
28.08.03.08	Pigment dispersions
28.08.03.09	Ink vehicles
28.12	Inks

335 Coupling agents (solutions)

28.07	Washing, cleaning and sanitation products, toiletries and cosmetics

336 Evaporation control agents

28.08	Paints and allied products

337 Formation aids (paper technology)

26.02	Paper
26.02.03	Packaging papers

338 Rubber compounding agents

15.03.01	Plumbing, heating, and air conditioning (building construction)
28.09	Resins, plastics, elastomers, and man-made fibers
30.01	Rubber products
30.01.01	Reclaimed rubber
30.01.05	Sponge and foam rubber goods

30.01.08	Rubber mechanical goods
36.04	Electric lighting and wiring equipment
39.04	Toys, games, and children's vehicles
39.06	Hobby, crafts, and art supplies

339 Odorants

10.07.03	Well production / 10.03 Oil and gas
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.02	Sanitation goods
28.07.03.03	Specialty cleaning preparations
28.07.04	Toilet preparations and cosmetics
29.02	Petroleum products
40.06.01	Air pollution control

340 Eluting agents

10.07.04	Ore beneficiation / 10.01 Metallic ores
28.06	Drugs
29.06	Nuclear energy products

341 Enzyme inhibitors

70.09	Laboratories

342 Defoamers

10.07.03	Well production / 10.03 Oil and gas
10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
29.02.06.01	Lubricating oils
29.02.06.02	Hydraulic and transmission oils

343 Antiskinning agents

28.08	Paints and allied products

344 Photosensitive agents

36.01	Electric power equipment
36.08.04	Office copiers and duplicating machines
38.06.04	Photographic film and sensitized plates (except X-ray)
38.06.05	Sensitized photographic paper and cloth (silver halide type)
38.06.06	Sensitized photographic paper and cloth (other than silver halide type)
70.06.02	Photofinishing
70.06.03	Photocopying

345 Tarnish inhibitors

34.09.07	Surface cleaning and conditioning (metal products)

346 Oiliness agents

29.02.06.04	Metalworking oils

347 Antistripping agents (asphalt)

29.02	Petroleum products
29.05.01	Asphalt and tar paving products

348 Insect repellents

01.01	Crops
01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.04	Forestry
01.04.03.02	Forest pest control
24.06	Wood preserving
28.10	Agricultural chemicals

349 Water-reducing agents (concrete technology)

15.03.14	Concrete work
32.03	Concrete products
32.09.02.06	Asbestos-cement products

350 Antiskid agents

26.02	Paper
26.02.03	Packaging papers

351 Fillers (augmentation)

15.03.05	Plastering, dry wall, and acoustical work (building construction)
26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
26.04.07	Asphalt and tar saturated building materials
26.05.01	Coated, laminated and treated paper products
28.06	Drugs
28.07.01	Household soaps, detergents, and cleansers
28.07.02	Nonhousehold soaps, detergents, and cleansers
28.07.03.01	Polishing preparations
28.07.03.03	Specialty cleaning preparations
28.08.03.08	Pigment dispersions
28.09	Resins, plastics, elastomers, and man-made fibers
28.11	Explosives and related products
28.13	Adhesives
29.05.01	Asphalt and tar paving products
30.01	Rubber products
30.01.01	Reclaimed rubber

30.01.05	Sponge and foam rubber goods
30.01.08	Rubber mechanical goods
30.02	Plastics products
32.03	Concrete products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
32.09.02.03	Asbestos textiles
32.09.02.06	Asbestos-cement products
33.01.05	Iron and steel castings

352 Antislip finishing agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

353 Brighteners (electroplating)

34.09.06	Metal coatings n.e.c

354 Aerating agents

15.03.14	Concrete work
40.05	Water supply and use
40.06.02	Liquid waste treatment

355 Concrete additives

10.07.03	Well production / 10.03 Oil and gas
15.03.14	Concrete work
32.03	Concrete products
32.09.02.06	Asbestos-cement products

356 Discharge printing agents (textile technology)

22.01	Yarn and fabrics
22.03	Textile finishing and coating

357 Coalescing agents (surface coatings)

28.08	Paints and allied products
70.11.01	Automobile painting

358 Blowing agents (polymer technology)

30.01	Rubber products
30.01.05	Sponge and foam rubber goods

359 Intensifiers (printing)

28.08.03.09	Ink vehicles
28.12	Inks

360 Modifiers (ore processing)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

Embrittlement inhibitors

15.03.01	Plumbing, heating, and air conditioning (building construction)
34.09.07	Surface cleaning and conditioning (metal products)

Fungicides

01.01	Crops
01.02	Livestock production, dairy farming, and related products
01.03.01	Veterinary services
01.04	Forestry
01.04.03.02	Forest pest control
01.06.02	Fish hatcheries, fish farms, preserves and other aquaculture
22.01	Yarn and fabrics
26.02	Paper
28.07.04	Toilet preparations and cosmetics
28.08	Paints and allied products
28.10	Agricultural chemicals
70.07	Disinfecting and exterminating services

Explosion inhibitors

28.11	Explosives and related products
34.07	Ordnance and accessories, except vehicles and guided missiles

Lubricating agents

26.02	Paper
26.02.02.01	Coated papers
26.02.03	Packaging papers
28.07.03.04	Laundry aids
28.09	Resins, plastics, elastomers, and man-made fibers
28.09.04	Man-made fibers
29.02	Petroleum products
29.02.06.04	Metalworking oils
29.02.06.05	Lubricating greases
30.02	Plastics products
33.01	Basic iron and steel
33.02	Basic nonferrous metals
34.01	Metal cans and shipping containers
34.02	Metal forgings and stampings (except containers formed by stamping)
34.03	Fabricated structural metal products
34.04	Screw machine products and fasteners
34.09.04	Machining
35	Machinery
35.08.05	Service industry machinery n.e.c
35.09	Refrigeration, air conditioning, and warm air heating equipment
36.03	Household appliances
37	Transportation equipment

37.06	Guided missiles, space vehicles and parts
38.01	Engineering and scientific instruments
70.12.01.02	Refrigeration and air conditioning service and repair
80.01.05	Service stations and garages
80.02.02	Maintenance (buildings)

365 Degumming agents (textile technology)

22	Textiles and textile finishing

366 De-inkers (paper technology)

26.01.08	Reclaimed paper pulp

367 Depressants (ore processing)

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals

368 Filtration aids

40.05	Water supply and use

369 Curing agents (polymer technology)

28.09	Resins, plastics, elastomers, and man-made fibers
28.13	Adhesives
30.01	Rubber products
30.01.08	Rubber mechanical goods
30.02	Plastics products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
38.04.03	Dental equipment and supplies
70.14	Medical services

370 Liquid crystals

36.05	Consumer electronics
36.06	Communication equipment
36.10	Electronic components and accessories
38.01	Engineering and scientific instruments

371 Surface coating additives

15.03.02	Painting, paperhanging, and decorating (building construction)
28.08	Paints and allied products
35.09	Refrigeration, air conditioning, and warm air heating equipment
39.04	Toys, games, and children's vehicles
39.06	Hobby, crafts, and art supplies
70.11.01	Automobile painting

372 Embalming agents

70.04	Funeral services

373 Extraction agents

10.07.04	Ore beneficiation / 10.01 Metallic ores
10.07.04	Ore beneficiation / 10.04 Nonmetallic minerals
20.01	Food products
28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
29.01	Petroleum refinery processes
29.06	Nuclear energy products
33.02	Basic nonferrous metals

374 Reagents

28.01	Inorganic chemicals
28.02	Organic chemicals
28.06	Drugs
29.06	Nuclear energy products
39.06	Hobby, crafts, and art supplies
70.09	Laboratories

375 Materials for shaping

25	Furniture and fixtures
32.01	Glass
32.01.04	Glass containers
32.01.05	Glassware
32.03	Concrete products
32.05	Gypsum products
32.06	Structural clay products
32.07	Ceramics and related products
32.09.01	Abrasive products
32.09.02	Asbestos products
32.09.02.01	Asbestos friction materials
32.09.02.02	Asphalt and vinyl asbestos floor tile
32.09.02.06	Asbestos-cement products
33.01	Basic iron and steel
33.01.05	Iron and steel castings
33.02	Basic nonferrous metals
34.01	Metal cans and shipping containers
34.02	Metal forgings and stampings (except containers formed by stamping)
34.03	Fabricated structural metal products
34.04	Screw machine products and fasteners
34.05	Heating equipment and plumbing fixtures
34.06	Cutlery, hand tools, and general hardware
34.09.04	Machining
35	Machinery
35.08.05	Service industry machinery n.e.c
36.01.02	Transformers
36.01.03	Switchgear and switchboard apparatus
36.02	Electrical industrial apparatus
36.03	Household appliances
36.04	Electric lighting and wiring equipment

36.05	Consumer electronics
36.06	Communication equipment
36.11.01	Storage batteries
36.11.02	Primary batteries
37	Transportation equipment
37.03.02	Boat building
37.06	Guided missiles, space vehicles and parts
38.01	Engineering and scientific instruments
38.04.02	Medical appliances and supplies
38.04.03	Dental equipment and supplies
39.04	Toys, games, and children's vehicles
39.06	Hobby, crafts, and art supplies
39.08.04	Fire extinguishers
70.14	Medical services
80.02.02	Maintenance (buildings)

376 Alloying agents

33	Metals and related products

377 X-ray absorbents

36.11.03	X-ray apparatus and parts

378 Photovoltaic agents

36.10.03.06	Semiconductor devices n.e.c.

379 Magnetic agents

36.05.06.02	Audio and video tape
36.01.02	Transformers

380 Incandescent agents

36.11.05	Miscellaneous electrical equipment and supplies n.e.c.

381 Luminescent agents

28.14.21	Chemicals for electronic and television equipment

382 Osmotic membranes

40.05.01	Water purification

383 Electrode materials

36.11.01	Storage batteries
36.11.02	Primary batteries